



Our commitment is **your safe future**

Electrical Installations from A to Z
Price List w.e.f. 25th February, 2026

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SENTRON circuit protection devices with
communication and measuring function

[siemens.com/circuit-protection](https://www.siemens.com/circuit-protection)

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Betagard 5SL MCBs – Inspiring Safety



Unique SLR (Slide Latch-Release) feature for tool free removal from DIN rail allows individual MCB to be removed from bus bar mounted assembly without disturbing other devices

BIS approval for ISI marking as per latest IS/IEC 60898-1:2015 for assured quality and protection



Unique termination mechanism enables firm mounting of Bus bar together with wire; and provides front access to wires for safe installation

Betagard Miniature Circuit Breakers 5SL6, with C Characteristics

IS/IEC 60898 - 1



CM/L No. 2255548

- Standards: IS/IEC 60898-1:2015
- Voltage: Un 240/415V, 50...60Hz^
- With ISI marking: CM/L No. 2255548

7500A	Rated Current <i>I_n</i> (A)	MW#	Reference No	Unit MRP* ₹	Std. Pkg. ** (Nos.)	
	1P, 240/415V AC	0.5	1			
		1				
		2				
		3				
		4				
		6				
		8				
		10				
		13				
		16				
		20				
		25				
		32				
		40				
		50				
	63					
	2P, 415V AC	0.5	2			
		1				
		2				
		3				
		4				
		6				
		8				
		10				
		13				
		16				
		20				
		25				
		32				
		40				
		50				
	63					
	3P, 415V AC	0.5	3			
		1				
		2				
		4				
		6				
		10				
		16				
		20				
		25				
		32				
		40				
		50				
		63				
		4P, 415V AC	0.5	4		
			1			
		2				
		4				
		6				
		10				
		16				
		20				
		25				
		32				
		40				
		50				
		63				

■ Stock items

Note:

* MRP - Maximum Retail Price

1MW (Module Width) = 18mm

** Purchase MOQ for our authorized dealers is in multiples of standard packing, contact Siemens Sales Office for further details

^ Suitable for DC networks in Telecom application; 60V DC for 1P & 110V DC for 2P (contact sales office for connection diagram)

Betagard Miniature Circuit Breakers 5SL6, with B Characteristics



- Standards: IS/IEC 60898-1:2015
- Voltage: Un 240/415V, 50...60Hz
- With ISI marking: CM/L No. 2255548

7500A	Rated Current I_n (A)	MW#	Reference No	Unit MRP* ₹	Std. Pkg.** (Nos.)
	6	1	5SL61066RC	368.-	1/12
	10		5SL61106RC	368.-	1/12
	16		5SL61166RC	368.-	1/12
	20		5SL61206RC	368.-	1/12
	25		5SL61256RC	368.-	1/12
	32		5SL61326RC	368.-	1/12
	40		5SL61406RC	822.-	1/12
	50		5SL61506RC	923.-	1/12
	63		5SL61636RC	923.-	1/12
	6	2	5SL62066RC	1327.-	1/6
	10		5SL62106RC	1327.-	1/6
	16		5SL62166RC	1327.-	1/6
	20		5SL62206RC	1327.-	1/6
	25		5SL62256RC	1327.-	1/6
	32		5SL62326RC	1327.-	1/6
	40		5SL62406RC	1866.-	1/6
	50		5SL62506RC	2192.-	1/6
	63		5SL62636RC	2192.-	1/6
	6	3	5SL63066RC	2015.-	1/4
	10		5SL63106RC	2015.-	1/4
	16		5SL63166RC	2015.-	1/4
	20		5SL63206RC	2015.-	1/4
	25		5SL63256RC	2015.-	1/4
	32		5SL63326RC	2015.-	1/4
	40		5SL63406RC	2784.-	1/4
	50		5SL63506RC	3122.-	1/4
	63		5SL63636RC	3122.-	1/4
	6	4	5SL64066RC	2771.-	1/3
	10		5SL64106RC	2771.-	1/3
	16		5SL64166RC	2771.-	1/3
	20		5SL64206RC	2771.-	1/3
	25		5SL64256RC	2771.-	1/3
	32		5SL64326RC	2771.-	1/3
	40		5SL64406RC	3458.-	1/3
	50		5SL64506RC	4156.-	1/3
	63		5SL64636RC	4156.-	1/3

■ Stock items

Note:

* MRP - Maximum Retail Price # 1MW (Module Width) = 18mm

** Purchase MOQ for our authorized dealers is in multiples of standard packing, contact Siemens Sales Office for further details



Betagard Miniature Circuit Breakers 5SL4, with C characteristics

IS/IEC 60898 - 1



CM/L No. 2255548

- Standards: IS/IEC 60898-1:2015
- Voltage: Un 240/415V, 50...60Hz^
- Breaking capacity: 10kA as per IS/IEC 60898-1
- With ISI marking: CM/L No. 2255548

10000A	Rated Current I_n (A)	MW#	Reference No	Unit MRP* ₹	Std. Pkg.** (Nos.)	
	1P, 240/415V AC	0.5	1	5SL41057RC	703.-	1/12
		2	■ 5SL41027RC	703.-	1/12	
		3	5SL41037RC	703.-	1/12	
		4	5SL41047RC	703.-	1/12	
		6	■ 5SL41067RC	455.-	1/12	
		8	5SL41087RC	455.-	1/12	
		10	■ 5SL41107RC	455.-	1/12	
		13	5SL41137RC	455.-	1/12	
		16	■ 5SL41167RC	455.-	1/12	
		20	■ 5SL41207RC	455.-	1/12	
		25	5SL41257RC	455.-	1/12	
		32	■ 5SL41327RC	455.-	1/12	
		40	5SL41407RC	991.-	1/12	
		50	5SL41507RC	1021.-	1/12	
		63	5SL41637RC	1021.-	1/12	
	2P, 415V AC	0.5	2	5SL42057RC	2085.-	1/6
		2	■ 5SL42027RC	2085.-	1/6	
		3	5SL42037RC	2085.-	1/6	
		4	■ 5SL42047RC	2085.-	1/6	
		6	■ 5SL42067RC	1495.-	1/6	
		8	5SL42087RC	1495.-	1/6	
		10	■ 5SL42107RC	1495.-	1/6	
		13	5SL42137RC	1495.-	1/6	
		16	■ 5SL42167RC	1495.-	1/6	
		20	■ 5SL42207RC	1495.-	1/6	
		25	5SL42257RC	1495.-	1/6	
		32	5SL42327RC	1495.-	1/6	
		40	5SL42407RC	2410.-	1/6	
		50	5SL42507RC	2410.-	1/6	
		63	5SL42637RC	2410.-	1/6	
	3P, 415V AC	0.5	3	5SL43057RC	3369.-	1/4
		2	5SL43027RC	3369.-	1/4	
		3	5SL43037RC	3369.-	1/4	
		4	5SL43047RC	3369.-	1/4	
		6	■ 5SL43067RC	2510.-	1/4	
		8	5SL43087RC	2510.-	1/4	
		10	■ 5SL43107RC	2510.-	1/4	
		13	5SL43137RC	2510.-	1/4	
		16	■ 5SL43167RC	2510.-	1/4	
		20	■ 5SL43207RC	2510.-	1/4	
		25	5SL43257RC	2510.-	1/4	
		32	■ 5SL43327RC	2510.-	1/4	
		40	5SL43407RC	3798.-	1/4	
		50	5SL43507RC	3798.-	1/4	
		63	■ 5SL43637RC	3798.-	1/4	
	4P, 415V AC	0.5	4	5SL44057RC	4234.-	1/3
		2	5SL44027RC	4234.-	1/3	
		3	5SL44037RC	4234.-	1/3	
		4	5SL44047RC	4234.-	1/3	
		6	5SL44067RC	3475.-	1/3	
		8	5SL44087RC	3475.-	1/3	
		10	5SL44107RC	3475.-	1/3	
		13	5SL44137RC	3475.-	1/3	
		16	5SL44167RC	3475.-	1/3	
		20	5SL44207RC	3475.-	1/3	
		25	5SL44257RC	3475.-	1/3	
		32	■ 5SL44327RC	3475.-	1/3	
		40	5SL44407RC	4740.-	1/3	
		50	5SL44507RC	4740.-	1/3	
		63	■ 5SL44637RC	4740.-	1/3	

■ Stock items

Note: * MRP - Maximum Retail Price # 1MW (Module Width) = 18mm

** Purchase MOQ for our authorized dealers is in multiples of standard packing, contact Siemens Sales Office for further details

^ Suitable for DC networks in Telecom application; 60V DC for 1P & 110V DC for 2P (contact sales office for connection diagram)

Betagard Miniature Circuit Breakers 5SL7, with C characteristics



- Standards: IS/IEC 60898-1:2015
- Voltage: Un 240/415V, 50...60Hz
- Breaking capacity: 15kA¹⁾ as per IS/IEC 60898-1
- With ISI marking: CM/L No. 2255548

	Rated Current I_n (A)	MW#	Reference No	Unit MRP* ₹	Std. Pkg.** (Nos.)
	0.5	1	5SL71057RC	805.-	1/12
	1		5SL71017RC	805.-	1/12
	2		5SL71027RC	790.-	1/12
	4		5SL71047RC	790.-	1/12
	6		5SL71067RC	680.-	1/12
	10		5SL71107RC	680.-	1/12
	16		5SL71167RC	680.-	1/12
	20		5SL71207RC	680.-	1/12
	25		5SL71257RC	680.-	1/12
	32		5SL71327RC	680.-	1/12
	40		5SL71407RC	1070.-	1/12
	50		5SL71507RC	1080.-	1/12
	63		5SL71637RC	1080.-	1/12
	0.5	2	5SL72057RC	2285.-	1/6
	1		5SL72017RC	2285.-	1/6
	2		5SL72027RC	2240.-	1/6
	4		5SL72047RC	2240.-	1/6
	6		5SL72067RC	1630.-	1/6
	10		5SL72107RC	1630.-	1/6
	16		5SL72167RC	1630.-	1/6
	20		5SL72207RC	1630.-	1/6
	25		5SL72257RC	1630.-	1/6
	32		5SL72327RC	1630.-	1/6
	40		5SL72407RC	2455.-	1/6
	50		5SL72507RC	2455.-	1/6
	63		5SL72637RC	2455.-	1/6
	0.5	3	5SL73057RC	3500.-	1/4
	1		5SL73017RC	3500.-	1/4
	2		5SL73027RC	3440.-	1/4
	4		5SL73047RC	3440.-	1/4
	6		5SL73067RC	2595.-	1/4
	10		5SL73107RC	2595.-	1/4
	16		5SL73167RC	2595.-	1/4
	20		5SL73207RC	2595.-	1/4
	25		5SL73257RC	2595.-	1/4
	32		5SL73327RC	2595.-	1/4
	40		5SL73407RC	3870.-	1/4
	50		5SL73507RC	3870.-	1/4
	63		5SL73637RC	3870.-	1/4
	0.5	4	5SL74057RC	4415.-	1/3
	1		5SL74017RC	4415.-	1/3
	2		5SL74027RC	4335.-	1/3
	4		5SL74047RC	4335.-	1/3
	6		5SL74067RC	3470.-	1/3
	10		5SL74107RC	3470.-	1/3
	16		5SL74167RC	3470.-	1/3
	20		5SL74207RC	3470.-	1/3
	25		5SL74257RC	3470.-	1/3
	32		5SL74327RC	3470.-	1/3
	40		5SL74407RC	4865.-	1/3
	50		5SL74507RC	4865.-	1/3
	63		5SL74637RC	4865.-	1/3

Note:

* MRP - Maximum Retail Price # 1MW (Module Width) = 18mm

** Purchase MOQ for our authorized dealers is in multiples of standard packing, contact Siemens Sales Office for further details

¹⁾ Breaking capacity 63A - 10kA

Betagard Miniature Circuit Breakers 5SL7, with D characteristics

IS/IEC 60898 - 1



CM/L No. 2255548

- Standards: IS/IEC 60898-1
- Voltage: Un 240/415V, 50...60Hz
- Breaking capacity: 15kA¹⁾ as per IS/IEC 60898-1
- With ISI marking: CM/L No. 2255548

	Rated Current I_n (A)	MW#	Reference No	Unit MRP* ₹	Std. Pkg.** (Nos.)
1P, 240/415V AC 	0.5	1	5SL71058RC	815.-	1/12
	1		5SL71018RC	815.-	1/12
	2		5SL71028RC	790.-	1/12
	4		5SL71048RC	790.-	1/12
	6		5SL71068RC	705.-	1/12
	10		5SL71108RC	705.-	1/12
	16		5SL71168RC	705.-	1/12
	20		5SL71208RC	705.-	1/12
	25		5SL71258RC	705.-	1/12
	32		5SL71328RC	705.-	1/12
	40		5SL71408RC	1375.-	1/12
	50		5SL71508RC	1375.-	1/12
	63		5SL71638RC	1375.-	1/12
2P, 415V AC 	0.5	2	5SL72058RC	2320.-	1/6
	1		5SL72018RC	2320.-	1/6
	2		5SL72028RC	2240.-	1/6
	4		5SL72048RC	2240.-	1/6
	6		5SL72068RC	1725.-	1/6
	10		5SL72108RC	1725.-	1/6
	16		5SL72168RC	1725.-	1/6
	20		5SL72208RC	1725.-	1/6
	25		5SL72258RC	1725.-	1/6
	32		5SL72328RC	1725.-	1/6
	40		5SL72408RC	3175.-	1/6
	50		5SL72508RC	3175.-	1/6
	63		5SL72638RC	3175.-	1/6
3P, 415V AC 	0.5	3	5SL73058RC	3570.-	1/4
	1		5SL73018RC	3570.-	1/4
	2		5SL73028RC	3440.-	1/4
	4		5SL73048RC	3440.-	1/4
	6		5SL73068RC	2730.-	1/4
	10		5SL73108RC	2730.-	1/4
	16		5SL73168RC	2730.-	1/4
	20		5SL73208RC	2730.-	1/4
	25		5SL73258RC	2730.-	1/4
	32		5SL73328RC	2730.-	1/4
	40		5SL73408RC	4945.-	1/4
	50		5SL73508RC	4945.-	1/4
	63		5SL73638RC	4945.-	1/4
4P, 415V AC 	0.5	4	5SL74058RC	4565.-	1/3
	1		5SL74018RC	4565.-	1/3
	2		5SL74028RC	4405.-	1/3
	4		5SL74048RC	4405.-	1/3
	6		5SL74068RC	3605.-	1/3
	10		5SL74108RC	3605.-	1/3
	16		5SL74168RC	3605.-	1/3
	20		5SL74208RC	3605.-	1/3
	25		5SL74258RC	3605.-	1/3
	32		5SL74328RC	3605.-	1/3
	40		5SL74408RC	6215.-	1/3
	50		5SL74508RC	6215.-	1/3
	63		5SL74638RC	6215.-	1/3

Note:

* MRP - Maximum Retail Price # 1MW (Module Width) = 18mm

** Purchase MOQ for our authorized dealers is in multiples of standard packing, contact Siemens Sales Office for further details

¹⁾ Breaking capacity 40A - 63A: 10kA

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5SL Circuit Breaker - K & Z Curve



"K" Characteristic Trip Curve:

MCB trips instantaneously when the current flowing through it reaches between 10 to 14 times the rated current.

Suitable for inductive and motor loads with high inrush currents; etc

"Z" Characteristic Trip Curve:

MCB trips when the current flowing through it reaches between 2 to 3 times the rated current, highly sensitive to short circuit current

Suitable for the protection of highly sensitive devices such as semiconductor devices,

- In compliance with standards IEC 60947-2
- Range available from 2A – 63A
- Comprehensive features & accessories in line with 5SL MCB
- For protection in Industrial, Infrastructure, Process Automation, Commercial applications

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Betagard Circuit Breakers 5SL7, with K characteristics



L - 7500266715

- Standards: IS/IEC 60947-2:2016
- Voltage: Un 240/415V, 50...60Hz
- Breaking capacity (Icu): 15kA¹⁾ as per IS/IEC 60947-2

	Rated Current I _n (A)	MW [#]	Reference No	Unit MRP* ₹	Std. Pkg.** (Nos.)
	2	1	5SL71023RC	705.-	1/12
	4		5SL71043RC	705.-	1/12
	6		5SL71063RC	630.-	1/12
	10		5SL71103RC	625.-	1/12
	16		5SL71163RC	630.-	1/12
	20		5SL71203RC	625.-	1/12
	25		5SL71253RC	630.-	1/12
	32		5SL71323RC	630.-	1/12
	40		5SL71403RC	1105.-	1/12
	63		5SL71633RC	1300.-	1/12
	2	2	5SL72023RC	2145.-	1/6
	4		5SL72043RC	2145.-	1/6
	6		5SL72063RC	1990.-	1/6
	10		5SL72103RC	1945.-	1/6
	16		5SL72163RC	1990.-	1/6
	20		5SL72203RC	1945.-	1/6
	25		5SL72253RC	1990.-	1/6
	32		5SL72323RC	1990.-	1/6
	40		5SL72403RC	2400.-	1/6
	63		5SL72633RC	2760.-	1/6
	2	3	5SL73023RC	3335.-	1/4
	4		5SL73043RC	3335.-	1/4
	6		5SL73063RC	3050.-	1/4
	10		5SL73103RC	2985.-	1/4
	16		5SL73163RC	3050.-	1/4
	20		5SL73203RC	2985.-	1/4
	25		5SL73253RC	3050.-	1/4
	32		5SL73323RC	3050.-	1/4
	40		5SL73403RC	3395.-	1/4
	63		5SL73633RC	3815.-	1/4
	2	4	5SL74023RC	4255.-	1/3
	4		5SL74043RC	4255.-	1/3
	6		5SL74063RC	4020.-	1/3
	10		5SL74103RC	3930.-	1/3
	16		5SL74163RC	4020.-	1/3
	20		5SL74203RC	3930.-	1/3
	25		5SL74253RC	4020.-	1/3
	32		5SL74323RC	4020.-	1/3
	40		5SL74403RC	4385.-	1/3
	63		5SL74633RC	4935.-	1/3

Note:

* MRP - Maximum Retail Price # 1MW (Module Width) = 18mm

** Purchase MOQ for our authorized dealers is in multiples of standard packing, contact Siemens Sales Office for further details

¹⁾ Breaking capacity 40A - 63A: 10kA

Betagard Circuit Breakers 5SL4, with Z characteristics



L - 7500266715

- Standards: IS/IEC 60947-2:2016
- Voltage: Un 240/415V, 50...60Hz
- Breaking capacity (Icu): 15kA¹⁾ as per IS/IEC 60947-2

	Rated Current I _n (A)	MW [#]	Reference No	Unit MRP* ₹	Std. Pkg.** (Nos.)
	2	1	5SL41020RC	965.-	1/12
	4		5SL41040RC	965.-	1/12
	6		5SL41060RC	758.-	1/12
	10		5SL41100RC	758.-	1/12
	16		5SL41160RC	758.-	1/12
	20		5SL41200RC	758.-	1/12
	25		5SL41250RC	758.-	1/12
	32		5SL41320RC	758.-	1/12
	40		5SL41400RC	999.-	1/12
	63		5SL41630RC	999.-	1/12
	2	2	5SL42020RC	1895.-	1/6
	4		5SL42040RC	1895.-	1/6
	6		5SL42060RC	1788.-	1/6
	10		5SL42100RC	1788.-	1/6
	16		5SL42160RC	1788.-	1/6
	20		5SL42200RC	1788.-	1/6
	25		5SL42250RC	1788.-	1/6
	32		5SL42320RC	1788.-	1/6
	40		5SL42400RC	2074.-	1/6
	63		5SL42630RC	2074.-	1/6
	2	3	5SL43020RC	3003.-	1/4
	4		5SL43040RC	3003.-	1/4
	6		5SL43060RC	2501.-	1/4
	10		5SL43100RC	2501.-	1/4
	16		5SL43160RC	2501.-	1/4
	20		5SL43200RC	2501.-	1/4
	25		5SL43250RC	2501.-	1/4
	32		5SL43320RC	2501.-	1/4
	40		5SL43400RC	3146.-	1/4
	63		5SL43630RC	3146.-	1/4
	2	4	5SL44020RC	3253.-	1/3
	4		5SL44040RC	3253.-	1/3
	6		5SL44060RC	2825.-	1/3
	10		5SL44100RC	2825.-	1/3
	16		5SL44160RC	2825.-	1/3
	20		5SL44200RC	2825.-	1/3
	25		5SL44250RC	2825.-	1/3
	32		5SL44320RC	2825.-	1/3
	40		5SL44400RC	3546.-	1/3
	63		5SL44630RC	3546.-	1/3

Note:

* MRP - Maximum Retail Price # 1MW (Module Width) = 18mm

** Purchase MOQ for our authorized dealers is in multiples of standard packing, contact Siemens Sales Office for further details

Betagard Miniature Circuit Breakers 5SP4, with C/D characteristics

IS/IEC 60898 - 1



CM/L No. 2255548

- Standards: IS/IEC 60898-1:2015
- Voltage: Un 240/415V
- Breaking capacity: 10kA as per IS/IEC 60898-1:2015
- With ISI marking: CM/L No. 2255548

C characteristic

10000A		Rated Current I_n (A)	MW#	Reference No	Unit MRP* ₹	Std. Pkg.** (Nos.)
	1-pole	80	1.5	5SP41807RC	5095.-	1/10
		100		5SP41917RC	5370.-	1/10
		125		5SP41927RC	6095.-	1/10
	2-pole	80	3	5SP42807RC	10000.-	1/5
		100		5SP42917RC	10540.-	1/5
		125		5SP42927RC	11930.-	1/5
	3-pole	80	4.5	5SP43807RC	15610.-	1/1
		100		5SP43917RC	16020.-	1/1
		125		5SP43927RC	18360.-	1/1
	4-pole	80	6	5SP44807RC	22390.-	1/1
		100		5SP44917RC	23035.-	1/1
		125		5SP44927RC	26225.-	1/1

D characteristic

	1-pole	80	1.5	5SP41808RC	5610.-	1/10
		100		5SP41918RC	5880.-	1/10
	2-pole	80	3	5SP42808RC	11260.-	1/5
		100		5SP42918RC	11935.-	1/5
	3-pole	80	4.5	5SP43808RC	17340.-	1/1
		100		5SP43918RC	17520.-	1/1
	4-pole	80	6	5SP44808RC	24385.-	1/1
		100		5SP44918RC	25015.-	1/1

Betagard Isolators 5TL1

- Standard: IS/IEC 60947-3
- Voltage: 440V AC

		Rated Current I_n (A)	MW#	Reference No	Unit MRP* ₹	Std. Pkg.** (Nos.)
	2-pole	40	2	5TL12400	1135.-	1/1
		63		5TL12630	1490.-	1/1
		80		5TL12800	1955.-	1/1
		100		5TL12910	2480.-	1/1
		125		5TL12920	2590.-	1/1
	3-pole	40	3	5TL13400	2105.-	1/1
		63		5TL13630	2365.-	1/1
		80		5TL13800	2855.-	1/1
		100		5TL13910	3005.-	1/1
		125		5TL13920	3245.-	1/1
	4-pole	40	4	5TL14400	2470.-	1/1
		63		5TL14630	2815.-	1/1
		80		5TL14800	3390.-	1/1
		100		5TL14910	4070.-	1/1
		125		5TL14920	4405.-	1/1

Note:

* MRP - Maximum Retail Price

** Purchase MOQ for our authorized dealers is in multiples of standard packing, contact Siemens Sales Office for further details

Betagard Circuit Breakers 5SL5, DC with C Characteristics

- Standards: IS/IEC 60947-2:2016
- Voltage: 220V DC/1P, 440V DC/2P & 880V DC/4P^
- Breaking capacity: 10kA as per IS/IEC 60947-2

10000A	Rated Current I_n (A)	MW#	Reference No	Unit MRP* ₹	Std. Pkg.** (Nos.)	
	1P, 220V DC	0.5	1	5SL51057RC	1210.-	1/12
		1		5SL51017RC	1210.-	1/12
		2		5SL51027RC	1305.-	1/12
		3		5SL51037RC	1365.-	1/12
		4		5SL51047RC	1305.-	1/12
		6		5SL51067RC	1105.-	1/12
		8		5SL51087RC	1170.-	1/12
		10		5SL51107RC	1105.-	1/12
		16		5SL51167RC	1105.-	1/12
		20		5SL51207RC	1105.-	1/12
		25		5SL51257RC	1105.-	1/12
		32		5SL51327RC	1105.-	1/12
		40		5SL51407RC	1655.-	1/12
		50		5SL51507RC	1655.-	1/12
	63		5SL51637RC	1655.-	1/12	
	2P, 440V DC	0.5	2	5SL52057RC	2630.-	1/6
		1		5SL52017RC	2630.-	1/6
		2		5SL52027RC	2630.-	1/6
		3		5SL52037RC	2755.-	1/6
		4		5SL52047RC	2630.-	1/6
		6	■	5SL52067RC	2305.-	1/6
		8		5SL52087RC	2420.-	1/6
		10	■	5SL52107RC	2305.-	1/6
		16	■	5SL52167RC	2305.-	1/6
		20		5SL52207RC	2305.-	1/6
		25		5SL52257RC	2305.-	1/6
		32		5SL52327RC	2305.-	1/6
		40		5SL52407RC	3410.-	1/6
		50		5SL52507RC	3410.-	1/6
		63		5SL52637RC	3410.-	1/6
	4P, 880V DC ¹⁾	6	4	5SL54067RC	4660.-	1/3
		10		5SL54107RC	4660.-	1/3
		16		5SL54167RC	4660.-	1/3
		25		5SL54257RC	4955.-	1/3
		32		5SL54327RC	4955.-	1/3
		40		5SL54407RC	5825.-	1/3
		63		5SL54637RC	6110.-	1/3

■ Stock items

1) maximum operational voltage 1000V DC

^ For connection diagram, contact Siemens Sales Office for further details.

• Also available DC Circuit Breakers for Solar applications - contact Siemens sales office for further details.

Note:

* MRP - Maximum Retail Price # 1MW (Module Width) = 18mm

** Purchase MOQ for our authorized dealers is in multiples of standard packing, contact Siemens Sales Office for further details

Betagard 5SV

Residual Current Circuit Breakers



In the event of a fault,
residual current protective
devices reliably disconnect
power to protect humans

Fault protection

"Protection against indirect contact"

Protects people in the event of contact with electrically conductive parts, if a risk exists as a result of a fault due to the magnitude or duration of the touch voltage



Additional protection

"Protection in case of direct contact" with $I_{\Delta n} = 30\text{mA}$

Protects individuals if they come in direct contact with an active live part under normal operating condition



Fire protection

"Protection from insulation faults" with $I_{\Delta n} = 300\text{mA}$

For the prevention of fires which can be caused by insulation faults in locations exposed to fire hazards



Surge current withstand capability

"Protection surge currents" with $8/20\mu\text{s} > 1000\text{Amp}$

For Type "A"  have a surge current capability to avoid nuisance tripping



Betagard Residual Current Circuit Breakers 5SV



- Standards: IS 12640 (Part 1):2016/ IEC 61008-1:2012
- Voltage: 240/415V AC, 50Hz
- With ISI marking: CM/L No. 7676092

Type AC, applicable in networks for AC residual currents

		Rated residual current $I_{\Delta n}$ (mA)	Rated Current I_n (A)	MW#	Reference No	Unit MRP* ₹	Std. Pkg.** (Nos.)
	2 Pole	30	25	2	■ 5SV43120RC	5225.-	1
		100	25		5SV44120RC	5720.-	1
		300	25		5SV46120RC	5915.-	1
		30	40		■ 5SV43140RC	6125.-	1
		100	40		5SV44140RC	6705.-	1
		300	40		5SV46140RC	6960.-	1
		30	63		■ 5SV43160RC	8195.-	1
		100	63		5SV44160RC	8645.-	1
		300	63		5SV46160RC	9190.-	1
		30	80		5SV43170RC	13265.-	1
		100	80		5SV44170RC	13800.-	1
		300	80		5SV46170RC	13800.-	1
	4 Pole	30	25	4	■ 5SV43420RC	7335.-	1
		100	25		5SV44420RC	7605.-	1
		300	25		5SV46420RC	7880.-	1
		30	40		■ 5SV43440RC	7420.-	1
		100	40		5SV44440RC	7705.-	1
		300	40		5SV46440RC	8005.-	1
		30	63		■ 5SV43460RC	8645.-	1
		100	63		5SV44460RC	8995.-	1
		300	63		5SV46460RC	9310.-	1
		30	80		5SV43470RC	13265.-	1
		100	80		5SV44470RC	13800.-	1
		300	80		5SV46470RC	13800.-	1

Type A, applicable in networks with AC and/or pulsating DC residual currents

	2 Pole	30	25	2	5SV33126RC	10015.-	1
		100	25		5SV34126RC	11805.-	1
		300	25		5SV36126RC	11805.-	1
		30	40		5SV33146RC	11360.-	1
		100	40		5SV34146RC	11830.-	1
		300	40		5SV36146RC	11830.-	1
		30	63		5SV33166RC	16515.-	1
		100	63		5SV34166RC	16985.-	1
		300	63		5SV36166RC	16170.-	1
		30	80		5SV33176RC	17765.-	1
		100	80		5SV34176RC	19105.-	1
		300	80		5SV36176RC	18195.-	1
	4 Pole	30	25	4	5SV33426RC	11870.-	1
		100	25		5SV34426RC	14650.-	1
		300	25		5SV36426RC	14650.-	1
		30	40		5SV33446RC	13240.-	1
		100	40		5SV34446RC	14795.-	1
		300	40		5SV36446RC	14650.-	1
		30	63		5SV33466RC	14980.-	1
		100	63		5SV34466RC	14880.-	1
		300	63		5SV36466RC	14880.-	1
		30	80		5SV33476RC	18005.-	1
		100	80		5SV34476RC	19105.-	1
		300	80		5SV36476RC	18195.-	1

■ Stock items

Note:

* MRP - Maximum Retail Price # 1MW (Module Width) = 18mm

** Purchase MOQ for our authorized dealers is in multiples of standard packing, contact Siemens Sales Office for further details

SENTRON 5SM2

Residual Current Units



RC Units suitable with 5SL7..RC MCBs for complete protection from Residual current, Over load and Short circuit faults



Easy and Fast Installation



Reduced Inventory with range up to 63A in two variants only

Wide portfolio catering to various applications



Confirming to
- IEC/EN 61009-1
- IEC/EN 61009-2-1
- IEC/EN 61543



RoHS compliant



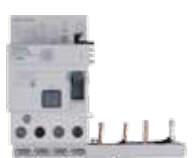
SENTRON Residual Current Units 5SM2

- Standards: In accordance with IEC/EN 61009-1 (VDE 0664-20), IEC/EN 61009-2-1 (VDE 0664-21), IEC/EN 61543 (VDE 0664-30)
- Voltage: 240/415V AC, 50Hz

Type AC, applicable in networks for AC residual currents

	Number of poles	Mounting width MW#	Rated residual current I _{Δn} [mA]	RC Unit-Current Rating [A]	5SL7..RC MCBs- Rated current [A]	Reference No	Unit LP* ₹	Std. Pkg.** (Nos.)
	2	2	10	40	2- 40	5SM21210RC	4915.-	1
			30	40	2- 40	5SM23220RC	5225.-	1
				63	2- 63	5SM23250RC	8585.-	1
			100	40	2- 40	5SM24220RC	6445.-	1
				63	2- 63	5SM24250RC	9350.-	1
			300	40	2- 40	5SM26220RC	5195.-	1
				63	2- 63	5SM26250RC	9575.-	1
	3	3	30	40	2- 40	5SM23320RC	5880.-	1
				63	2- 63	5SM23350RC	8860.-	1
			100	40	2- 40	5SM24320RC	7010.-	1
				63	2- 63	5SM24350RC	9655.-	1
			300	40	2- 40	5SM26320RC	7320.-	1
				63	2- 63	5SM26350RC	9875.-	1
	4	3	30	40	2- 40	5SM23420RC	6390.-	1
				63	2- 63	5SM23450RC	9485.-	1
			100	40	2- 40	5SM24420RC	7465.-	1
				63	2- 63	5SM24450RC	9845.-	1
			300	40	2- 40	5SM26420RC	7770.-	1
				63	2- 63	5SM26450RC	10070.-	1

Type A, applicable in networks with AC and/or pulsating DC residual currents

	Number of poles	Mounting width MW#	Rated residual current I _{Δn} [mA]	RC Unit-Current Rating [A]	5SL7..RC MCBs- Rated current [A]	Reference No	Unit LP* ₹	Std. Pkg.** (Nos.)
	2	2	10	40	2- 40	5SM21216RC	5005.-	1
			30	40	2- 40	5SM23226RC	5240.-	1
				63	2- 63	5SM23256RC	8915.-	1
			100	40	2- 40	5SM24226RC	7010.-	1
				63	2- 63	5SM24256RC	9355.-	1
			300	40	2- 40	5SM26226RC	7320.-	1
				63	2- 63	5SM26256RC	9595.-	1
	3	3	30	40	2- 40	5SM23326RC	5940.-	1
				63	2- 63	5SM23356RC	9095.-	1
			100	40	2- 40	5SM24326RC	7090.-	1
				63	2- 63	5SM24356RC	9895.-	1
			300	40	2- 40	5SM26326RC	7390.-	1
				63	2- 63	5SM26356RC	10120.-	1
	4	3	30	40	2- 40	5SM23426RC	7135.-	1
				63	2- 63	5SM23456RC	9600.-	1
			100	40	2- 40	5SM24426RC	7745.-	1
				63	2- 63	5SM24456RC	10080.-	1
			300	40	2- 40	5SM26426RC	8075.-	1
				63	2- 63	5SM26456RC	10380.-	1

■ Stock items

Note: * LP - List Price

1MW (Module Width) = 18mm

** Purchase MOQ for our authorized dealers is in multiples of standard packing, contact Siemens Sales Office for further details

**Note: To be used along with 5SL7..RC MCBs. MCBs to be ordered separately.
For MCB prices, refer Page no. 8 & 9 from this pricelist.**

Accessories for Remote control mechanism units for 5SM2 RC Units

Remote control mechanism unit:

Adapter- Mount-on device for combination of RC Units 5SM2..RC and MCBs 5SL7..RC.

Item Description	Mounting width MW#	Reference No	Std. Pkg.** (Nos.)
RC Mech. Power- 5ST3055 & RC Mech. ARD*- 5ST3057 For 2P- 12 V -30 V AC 12 V -48V DC	2	5ST3820-3 + 5ST3820-6	1
RC Mech. Power- 5ST3055 & RC Mech. ARD*- 5ST3057 For 3P & 4P- 12 V -30 V AC 12 V -48V DC	2	5ST3820-3 + 5ST3820-7	1
RC Mech. Power- 5ST3056 & RC Mech. ARD*- 5ST3058 For 2P- 230 V AC	2	5ST3820-3 + 5ST3820-6	1
RC Mech. Power- 5ST3056 & RC Mech. ARD*- 5ST3058 For 3P & 4P- 230 V AC	2	5ST3820-3 + 5ST3820-7	1
RC Mech. Power- 5ST3070 For 2P- 12 V -30 V AC 12 V -48V DC	2	5ST3820-3 + 5ST3820-6	1
RC Mech. Power- 5ST3070 For 3P & 4P- 12 V -30 V AC 12 V -48V DC	2	5ST3820-3 + 5ST3820-7	1

*- Auto Reclose Device

1MW (Module Width) = 18mm

** Purchase MOQ for our authorized dealers is in multiples of standard packing, contact Siemens Sales Office for further details

Note: All accessories can be mounted on the right-hand side of the RC Unit+MCB assembled device.

Note: For pricing details of above mentioned MLFBs and for other 5SM2 accessories, Pl refer Page No. 24 of this Pricelist.

Betagard Residual Current Breaker Operators 5SU1, 10kA



- Standards: IS 12640, Part 2:2016/ IEC 61009-1:2012
- Voltage: 240/415V AC, 50Hz
- With ISI marking: CM/L No. 7676193

Type AC, with C Characteristics (in 2 module size)⁵

	Rated residual current $I_{\Delta n}$ (mA)	Rated Current I_n (A)	MW [#]	Reference No	Unit MRP* ₹	Std. Pkg.** (Nos.)	
	240V AC; 50Hz; 2 pole ¹⁾	30	6	2	5SU13541RC06	9310.-	1
		30	10		5SU13541RC10	9310.-	1
		30	16		5SU13541RC16	9310.-	1
		30	20		5SU13541RC20	9310.-	1
		30	25		5SU13541RC25	9310.-	1
		30	32		5SU13541RC32	9775.-	1
		30	40		5SU13541RC40	11550.-	1
		300	6		5SU16541RC06	9475.-	1
		300	10		5SU16541RC10	9475.-	1
		300	16		5SU16541RC16	9475.-	1
		300	20		5SU16541RC20	9475.-	1
		300	25		5SU16541RC25	9475.-	1
		300	32		5SU16541RC32	9970.-	1
		300	40		5SU16541RC40	11780.-	1

Type AC with C characteristic

	240V AC; 50Hz; 2 pole	30	32	4	5SU13241RC32	10570.-	1
			40		5SU13241RC40	12315.-	1
			63		5SU13241RC63	14310.-	1
		100	32		5SU14241RC32	11665.-	1
			40		5SU14241RC40	13110.-	1
			63		5SU14241RC63	15285.-	1
		300	32		5SU16241RC32	11780.-	1
			40		5SU16241RC40	13240.-	1
			63		5SU16241RC63	15285.-	1
	415V AC; 50Hz; 4 pole	30	32	7	5SU13441RC32	14115.-	1
			40		5SU13441RC40	14370.-	1
			63		5SU13441RC63	17055.-	1
		100	32		5SU14441RC32	14290.-	1
			40		5SU14441RC40	14565.-	1
			63		5SU14441RC63	16740.-	1
		300	32		5SU16441RC32	14405.-	1
			40		5SU16441RC40	14685.-	1
			63		5SU16441RC63	16895.-	1

Type AC with D characteristic

	240V AC; 50Hz; 2 pole	30	32	4	5SU13242RC32	13630.-	1
			40		5SU13242RC40	14935.-	1
			63		5SU13242RC63	18000.-	1
		100	32		5SU14242RC32	16495.-	1
			40		5SU14242RC40	18050.-	1
			63		5SU14242RC63	20615.-	1
		300	32		5SU16242RC32	16115.-	1
			40		5SU16242RC40	18050.-	1
			63		5SU16242RC63	20640.-	1
	415V AC; 50Hz; 4 pole	30	32	7	5SU13442RC32	18665.-	1
			40		5SU13442RC40	18940.-	1
			63		5SU13442RC63	22470.-	1
		100	32		5SU14442RC32	20200.-	1
			40		5SU14442RC40	21105.-	1
			63		5SU14442RC63	23405.-	1
		300	32		5SU16442RC32	19960.-	1
			40		5SU16442RC40	21305.-	1
			63		5SU16442RC63	22915.-	1

Note: * MRP - Maximum Retail Price # 1MW (Module Width) = 18mm ¹⁾ 1P+N variant

** Purchase MOQ for our authorized dealers is in multiples of standard packing, contact Siemens Sales Office for further details

\$ For connecting accessories with 2P 2M RCBO add handle connector 5ST38051

Betagard Residual Current Breaker Operators 5SU1, 10kA

- Standards: IS 12640, Part 2:2016/ IEC 61009-1:2012
- Voltage: 240/415V AC, 50Hz
- With ISI marking: CM/L No. 7676193

Type A, with C Characteristics (in 2 module size)⁵

	Rated residual current $I_{\Delta n}$ (mA)	Rated Current I_n (A)	MW [#]	Reference No	Unit MRP* ₹	Std. Pkg. ** (Nos.)
	240V AC; 50Hz; 2 pole ¹⁾	30	2	5SU13547RC06	17005.-	1
		30		5SU13547RC10	17005.-	1
		30		5SU13547RC16	17005.-	1
		30		5SU13547RC20	17005.-	1
		30		5SU13547RC25	17005.-	1
		30		5SU13547RC32	17775.-	1
		30		5SU13547RC40	21505.-	1
		300		5SU16547RC06	17505.-	1
		300		5SU16547RC10	17505.-	1
		300		5SU16547RC16	17505.-	1
		300		5SU16547RC20	17505.-	1
		300		5SU16547RC25	17505.-	1
		300		5SU16547RC32	18210.-	1
		300		5SU16547RC40	21955.-	1

Type A with C characteristic

	240V AC; 50Hz; 2 pole	30	4	5SU13247RC32	19150.-	1
				5SU13247RC40	21065.-	1
				5SU13247RC63	23830.-	1
		100		5SU14247RC32	20435.-	1
				5SU14247RC40	22700.-	1
				5SU14247RC63	25790.-	1
		300		5SU16247RC32	20435.-	1
				5SU16247RC40	22700.-	1
				5SU16247RC63	25790.-	1
	415V AC; 50Hz; 4 pole	30	7	5SU13447RC32	23435.-	1
				5SU13447RC40	24405.-	1
				5SU13447RC63	27925.-	1
		100		5SU14447RC32	25155.-	1
				5SU14447RC40	25630.-	1
				5SU14447RC63	28650.-	1
		300		5SU16447RC32	25155.-	1
				5SU16447RC40	26070.-	1
				5SU16447RC63	29095.-	1

Type A with D characteristic

	240V AC; 50Hz; 2 pole	30	4	5SU13248RC32	22340.-	1
				5SU13248RC40	25220.-	1
				5SU13248RC63	28690.-	1
		100		5SU14248RC32	24035.-	1
				5SU14248RC40	26735.-	1
				5SU14248RC63	30465.-	1
		300		5SU16248RC32	24035.-	1
				5SU16248RC40	26735.-	1
				5SU16248RC63	30465.-	1
	415V AC; 50Hz; 4 pole	30	7	5SU13448RC32	27660.-	1
				5SU13448RC40	28005.-	1
				5SU13448RC63	33035.-	1
		100		5SU14448RC32	29140.-	1
				5SU14448RC40	31135.-	1
				5SU14448RC63	33895.-	1
		300		5SU16448RC32	29140.-	1
				5SU16448RC40	31135.-	1
				5SU16448RC63	33900.-	1

Note: * MRP - Maximum Retail Price

1MW (Module Width) = 18mm

¹⁾ 1P+N variant

** Purchase MOQ for our authorized dealers is in multiples of standard packing, contact Siemens Sales Office for further details

\$ For connecting accessories with 2P 2M RCBO add handle connector 5ST38051

Betagard Accessories

Accessories for 5SL / 5SY / 5SP MCBs, 5TL Isolators, 5SV RCCBs, 5SM2 RC Units and 5SU1 RCBs

	Item Description	Reference No	Unit MRP* ₹	Std. Pkg.** (Nos.)
	Aux contact block (For 5SL/5SY/5SP4/5TL/5SV/5SU1/5SM2)			
	1NO+1NC	5ST3010 ¹⁾	2000.-	12
	2NO	5ST3011 ¹⁾	2045.-	1
	2NC	5ST3012 ¹⁾	2045.-	1
	1CO	5ST3016 ¹⁾	3240.-	1
	Fault signal contact (For 5SL/5SY/5SP4/5SV/5SU1/5SM2)			
	1NO+1NC	5ST3020 ¹⁾	2945.-	1
	2NO	5ST3021 ¹⁾	2990.-	1
	2NC	5ST3022 ¹⁾	2990.-	1
	Shunt release (For 5SL5/5SL7/5SY/5SP4/5SV/5SU1/5SM2)			
	110...415V AC	5ST3030 ¹⁾	8255.-	1/5
	24...48V DC	5ST3031 ¹⁾	8255.-	1/5
	Auxiliary and fault signal changeover contact (5SL/5SY/5SP4/5TL/5SV/5SU1/5SM2)	5ST3062	9525.-	1
	Auxiliary switch - 1CO			
	Fault contact - 1CO			
	Undervoltage release (For 5SL5/5SL7/5SY/5SP4/5SV/5SU1/5SM2)			
	With integrated aux. switch			
	230V AC	5ST3040 ¹⁾	11085.-	1/5
	110V DC	5ST3041 ¹⁾	11085.-	1/5
	24V DC	5ST3042 ¹⁾	11085.-	1/5
	Without integrated aux. switch			
	230V AC	5ST3043 ¹⁾	11085.-	1/5
	Remote control mechanism unit			
	Basic version for 5SL, 5SY, 5TL1 and 5SU1 (1P+N only) (12-30)V AC & (12-48)V DC, 1.5MW	5ST3053	49450.-	1
	230V AC, 2MW	5ST3054	49450.-	1
	Power version for 5SL, 5SY, 5TL1, 5SU1 & 5SM2 (12-30)V AC & (12-48)V DC, 2MW	5ST3055	83685.-	1
	230V AC, 2MW	5ST3056	83685.-	1
	Power version for 5SM2 (12-30)V AC & (12-48)V DC, 2MW	5ST3070	97645.-	1
	Auto Reclose Device Version for 5SM2 (12-30)V AC & (12-48)V DC, 2MW	5ST3057	80140.-	1
	230V AC, 2MW	5ST3058	93940.-	1
	Adapter for Remote control mechanism (To be ordered along with 5ST305X basic unit)			
	For 5SL - 1P & 2P, 5SV - 4P and 5SM2- 2P	5ST38206	1045.-	1
	For 5SL - 3P & 4P and 5SM2 - 3P & 4P	5ST38207	1045.-	1
	For 5SY - 1P & 2P and For 5SU1 [^] - 2P, 4M	5ST38201	1045.-	1
	For 5SY - 3P & 4P and For 5SU1 [^] - 4P, 7M	5ST38202	1045.-	1
	For 5SU1 - 2P, 2M	5ST38205	1045.-	1
	[^] Add-on block for 5SU1 & 5SM2 to be ordered along with Adapter	5ST38203	2275.-	1
	Handle locking device			
	for 5SP and 5SY circuit breakers for padlock with max. 3mm shackle	5ST3801	1030.-	1
	for 5SL circuit breakers, 5TL1 isolators and 5SV residual current circuit breakers for padlock with max. 3 to 6 mm shackle	5ST3806	975.-	5
	Pad locks for 5ST3801 and 5ST3806 handle locking devices	5ST3802	660.-	5
	Handle connector for 2P, 2M 5SU1 RCBs ⁵ (1set = 5 units in poly bag)	5ST38051	2050.-	1

Betagard Rotary Handle Assembly

	Item Description	Reference No.	Unit MRP* ₹	Std. Pkg.** (Nos.)
	Rotary Handle Assembly for 5SY, 5SL, 5SP and 5TL1 series of MCBs/ Isolators ⁵⁵	5ST38140RC	3680.-	1

Note: * MRP - Maximum Retail Price # 1MW (Module Width) = 18mm

\$ For 2P, 2M RCBs, the accessories can be used along with Handle connector only

\$ Not suitable for 1P variants 1) Suffix -Z191 will be added for internal ordering

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Sinova Opulenz

Multitasking switches for multitasking homes.

Elegant
finishes to enhance the look of your home.



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to complement modern finishes on your walls.



Antibacterial switches
for a safe home.



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for assured safety.



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RoHS compliant switches.



Comprehensive communication range
type tested as per standards ensuring higher reliability.



When homes and offices multitask as online classrooms, home offices, private theaters and more, the Opulenz range multitasks to help you make the most of them. Sinova Opulenz is a complete range of new age sockets, HDMI receptors, LAN ports, regulators and dimmers in seven exciting colours and two natural textures.

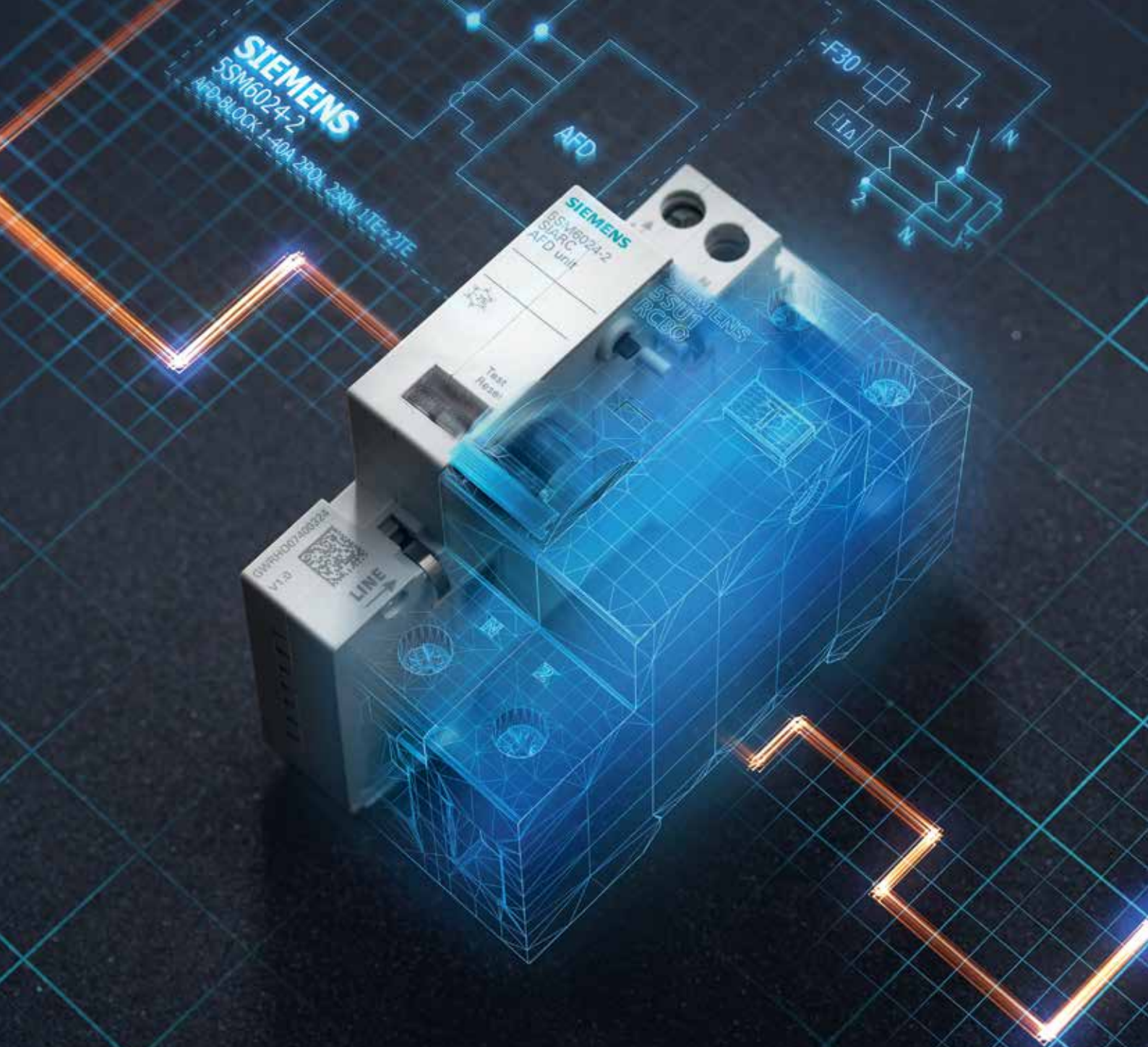


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Arc Fault Detection Device

It's Time to Act Now!

With the 5SV6 Arc Fault Detection Device (AFDD), Siemens presents the third generation of fire-prevention product. The 5SV6 Arc Fault Detection Device with integrated miniature circuit breaker (MCB) is the first device on the IEC market with just one module width and is the smallest of its kind worldwide.

A standard-compliant expansion of the electrical installation by protection against electrical fires is thus always possible – easily and without the need for additional space.

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The smart solution.

Whether in an existing plant or a new installation – the 5SV6 AFDD and 5SM6 AFD unit can be deployed in any distribution board. It quickly identifies dangerous faults caused by parallel or serial arcing faults and switches off before a fire occurs. The AFDD detects operational arcing faults and only trips in the event of an actual fault.

5SV6 AFDDs with Integrated MCB & RCBO in 18mm width

	Rating	With integrated MCB				With integrated RCBO		Std. Pkg.** (Nos.)
		B characteristic	Unit LP* ₹	C characteristic	Unit LP* ₹	30mA, Type A, C characteristic	Unit LP* ₹	
	6A	5SV60166KK06	46040.-	5SV60167KK06	46040.-	5SV63167KK06	53720.-	1
	10A	5SV60166KK10	46040.-	5SV60167KK10	46040.-	5SV63167KK10	53720.-	
	13A	5SV60166KK13	47260.-	5SV60167KK13	47260.-	5SV63167KK13	53720.-	
	16A	5SV60166KK16	46040.-	5SV60167KK16	46040.-	5SV63167KK16	53720.-	
	20A	5SV60166KK20	52175.-	5SV60167KK20	52175.-	5SV63167KK20	59230.-	
	25A	5SV60166KK25	52175.-	5SV60167KK25	52175.-	5SV63167KK25	59230.-	
	32A	5SV60166KK32	52175.-	5SV60167KK32	52175.-	5SV63167KK32	59230.-	
	40A	5SV60166KK40	53720.-	5SV60167KK40	53720.-	5SV63167KK40	59230.-	

5SM6 AFDD with integrated MCB

	Rating	Module width	Reference No.	Description	Unit LP* ₹	Std. Pkg.** (Nos.)
	16A	2	5SM60111XX02	AFDD 16A, 230V, 2MW (Integrated with 1MW, 1+N, 16A MCB)	71170.-	1

5SM6 AFD units (Suitable for add on with RCBO)

	Rating	Module width	Reference No.	Description	Unit LP* ₹	Std. Pkg.** (Nos.)
	16A	3	5SM60212	AFD Unit 1-16A, 230V, 1MW (Suitable for 2P 2M, 5SU1 RCBO)	39960.-	1
	40A	3	5SM60242	AFD Unit 1-40A, 230V, 1MW (Suitable for 2P 2M, 5SU1 RCBO)	56445.-	

* LP - List Price

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SENTRON Circuit protection devices with measuring and communication function



**SENTRON
5SV6 COM
AFDD/MCB**



**SENTRON
Powercenter 1000
data transceiver**



SENTRON AFDD COM 5SV6

	Rating	With integrated MCB				Std. Pkg.** (Nos.)
		B characteristic	Unit LP* ₹	C characteristic	Unit LP* ₹	
	6 A	5SV60166MC06	Price on request	5SV60167MC06	Price on request	1
	10 A	5SV60166MC10		5SV60167MC10		
	13 A	5SV60166MC13		5SV60167MC13		
	16 A	5SV60166MC16		5SV60167MC16		
	20 A	5SV60166MC20		5SV60167MC20		
	25 A	5SV60166MC25		5SV60167MC25		
	32 A	5SV60166MC32		5SV60167MC32		

SENTRON Powercenter 1000 7KN

	Reference No.	Description	Unit LP* ₹	Std. Pkg.** (Nos.)
	7KN11100MC00	Powercenter1000 max. 24 SENTRON COM devices Modbus TCP Bluetooth Power supply DC 24V	Price on request	1

* LP - List Price

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Applications:



Operating hours counter

The values measured by the installation device provide information on the electrical consumer's (e.g., an LED) exact operating time allowing for optimized maintenance.



Fault monitoring

A decline of electrical current, voltage or temperature below normal values may hint at a failure of the electrical consumer. An increased electrical current may indicate a defect of connected equipment.



Load management

When a certain number of electrical consumers is active, additional devices cannot be switched on. This prevents current peaks.



Function monitoring

The measured values indicate the execution of an activity by the electrical consumer (e.g., automatic feeders in livestock farming).

5TR4 Automatic Changeover Current Limiter

Effortlessly manage power transitions with our 5TR4 ACCL, ensuring seamless operations and preventing electrical overload.



Heavy Duty
Conforms to utilization
category AC32A
(IEC 60947-6-1)



High Endurance Cycle
Ensuring efficient and
long life of your ACCL



**Safe during Short
circuits**
Iq short circuit of 5kA



Warning & Alerts
Overload indication via
LED & Beep



Standard compliant
Product conforms to
IEC 60947-6-1



Low Power consumption
Coil operates only
during backup supply



SIEMENS



Betagard 8GB Distribution Boards

Perfect blend of beauty and features with assured performance

- Complete range for Residential, Commercial and Industrial Infrastructures
- DBs offer latest design with highest aesthetic appeal
- DBs available with type testing as per the latest applicable standards
- User friendly design offers ease during maintenance and assists the installer for correct installation

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Betagard Distribution Boards

8GB32 # SPN and TPN DBs

- Type Tested as per IEC 61439 Standards at third party and internal test laboratories
- Available in IP 20 and IP 43 Versions
- Single Door, Metal Double Door and Acrylic Double Door options available
- Standard Wire Way Boxes available for all Single Door and Double Door DBs
- Additional safety with Insulated Shorting Links, Shrouded Neutral Links and Door Earthing
- TPN DBs can be easily made suitable for PPI configuration using TPN to PPI Conversion Kits
- Detachable DIN rail assembly and intermittent door facilitates ease in Wiring during installation and maintenance
- DBs are subjected to Seven tank process and treated with premium quality powder coating
- Cement Masking Sheet protects the DBs against extreme site conditions

	Item Description	Incoming Slots (MW)	Outgoing Slots (MW)	Total Slots (MW)	Reference No	Unit MRP* ₹	Std. Pkg.** (Nos.)
Metal Enclosures, IP20:							
	1 Module	–	–	1	8GB32100RC01	1140.-	1/20
	2 Module	–	–	2	8GB32100RC02	1700.-	1/20
	3 Module	–	–	3	8GB32100RC03	1700.-	1/20
	4 Module	–	–	4	8GB32100RC04	1700.-	1/20
	6 Module	–	–	6	8GB32100RC06	2240.-	1/20
	8 Module	–	–	8	8GB32100RC08	2640.-	1/10
SPN Single Door DBs#, IP20:							
	6 Module	2	4	6	8GB32101RC06	3355.-	1
	8 Module	2	6	8	8GB32101RC08	3565.-	1
	10 Module	2	8	10	8GB32101RC10	4290.-	1
	12 Module	2	10	12	8GB32101RC12	4445.-	1
	14 Module	2	12	14	8GB32101RC14	5020.-	1
	16 Module	2	14	16	8GB32101RC16	5410.-	1
SPN Metal Double Door DBs#, IP 43:							
	6 Module	2	4	6	8GB32102RC06	5240.-	1
	8 Module	2	6	8	8GB32102RC08	5440.-	1
	10 Module	2	8	10	8GB32102RC10	6330.-	1
	12 Module	2	10	12	8GB32102RC12	6500.-	1
	14 Module	2	12	14	8GB32102RC14	7580.-	1
	16 Module	2	14	16	8GB32102RC16	7765.-	1
SPN Acrylic Double Door DBs#, IP 43:							
	6 Module	2	4	6	8GB32103RC06	6155.-	1
	8 Module	2	6	8	8GB32103RC08	6500.-	1
	10 Module	2	8	10	8GB32103RC10	7580.-	1
	12 Module	2	10	12	8GB32103RC12	8135.-	1
	14 Module	2	12	14	8GB32103RC14	8485.-	1
	16 Module	2	14	16	8GB32103RC16	8850.-	1
Wire Way Box For SPN Single Door IP 20 DBs:							
	For 6 MOD SPN Single door DB	–	–	–	8GB32106RC06	2210.-	1/5
	For 8 MOD SPN Single door DB	–	–	–	8GB32106RC08	2210.-	1/5
	For 10 MOD SPN Single door DB	–	–	–	8GB32106RC10	2380.-	1/5
	For 12 MOD SPN Single door DB	–	–	–	8GB32106RC12	2380.-	1/5
	For 14 MOD SPN Single door DB	–	–	–	8GB32106RC14	2745.-	1/5
	For 16 MOD SPN Single door DB	–	–	–	8GB32106RC16	2745.-	1/5
Wire Way Box For SPN Double Door IP 43 DBs:							
	For 6 MOD SPN Double door DB	–	–	–	8GB32107RC06	2380.-	1/5
	For 8 MOD SPN Double door DB	–	–	–	8GB32107RC08	2380.-	1/5
	For 10 MOD SPN Double door DB	–	–	–	8GB32107RC10	2585.-	1/5
	For 12 MOD SPN Double door DB	–	–	–	8GB32107RC12	2585.-	1/5
	For 14 MOD SPN Double door DB	–	–	–	8GB32107RC14	3285.-	1/5
	For 16 MOD SPN Double door DB	–	–	–	8GB32107RC16	3285.-	1/5

Note: * MRP - Maximum Retail Price # Also available in flat door option

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Betagard Distribution Boards

8GB32 # SPN and TPN DBs

	Item Description	Incoming Slots (MW)	Outgoing Slots (MW)	Total Slots (MW)	Reference No	Unit MRP* ₹	Std. Pkg.** (Nos.)
TPN Single Door DBs#, IP20:							
	4 way	8	12	20	8GB32201RC04	8675.-	1
	6 way	8	18	26	8GB32201RC06	9850.-	1
	8 way	8	24	32	8GB32201RC08	11885.-	1
	10 way	8	30	38	8GB32201RC10	17245.-	1
	12 way	8	36	44	8GB32201RC12	17610.-	1
	14 way	8	42	50	8GB32201RC14	20195.-	1
	16 way	8	48	56	8GB32201RC16	20950.-	1
TPN Metal Double Door DBs#, IP 43							
	4 way	8	12	20	8GB32202RC04	10595.-	1
	6 way	8	18	26	8GB32202RC06	12805.-	1
	8 way	8	24	32	8GB32202RC08	15390.-	1
	10 way	8	30	38	8GB32202RC10	22230.-	1
	12 way	8	36	44	8GB32202RC12	22785.-	1
	14 way	8	42	50	8GB32202RC14	27045.-	1
	16 way	8	48	56	8GB32202RC16	27815.-	1
TPN Acrylic Double Door DBs#, IP 43							
	4 way	8	12	20	8GB32203RC04	12805.-	1
	6 way	8	18	26	8GB32203RC06	15765.-	1
	8 way	8	24	32	8GB32203RC08	18910.-	1
	10 way	8	30	38	8GB32203RC10	24660.-	1
	12 way	8	36	44	8GB32203RC12	28705.-	1
	14 way	8	42	50	8GB32203RC14	30745.-	1
	16 way	8	48	56	8GB32203RC16	32815.-	1
TPN to PPI Conversion Kit®							
	To convert 6 way TPN DB to 4 way TPN PPI DB				8GB32205RC04	6685.-	1/5
	To convert 8 way TPN DB to 6 way TPN PPI DB				8GB32205RC06	7795.-	1/5
	To convert 10 way TPN DB to 8 way TPN PPI DB				8GB32205RC08	7990.-	1/5
	To convert 12 way TPN DB to 10 way TPN PPI DB				8GB32205RC10	8530.-	1/5
	To convert 14 way TPN DB to 12 way TPN PPI DB				8GB32205RC12	9110.-	1/5
	To convert 16 way TPN DB to 14 way TPN PPI DB				8GB32205RC14	9635.-	1/5
Wire Way Box For TPN Single Door IP 20 DBs							
	For 4 Way TPN Single door DB	—	—	—	8GB32206RC04	2820.-	1/5
	For 6 Way TPN Single door DB	—	—	—	8GB32206RC06	2820.-	1/5
	For 8 Way TPN Single door DB	—	—	—	8GB32206RC08	5040.-	1/5
	For 10 Way TPN Single door DB	—	—	—	8GB32206RC10	6330.-	1/5
	For 12 Way TPN Single door DB	—	—	—	8GB32206RC12	6510.-	1/5
	For 14 Way TPN Single door DB	—	—	—	8GB32206RC14	6685.-	1/5
	For 16 Way TPN Single door DB	—	—	—	8GB32206RC16	7080.-	1/5
Wire Way Box For TPN Double Door IP 43 DBs							
	For 4 Way TPN Double door DB	—	—	—	8GB32207RC04	2990.-	1/5
	For 6 Way TPN Double door DB	—	—	—	8GB32207RC06	3385.-	1/5
	For 8 Way TPN Double door DB	—	—	—	8GB32207RC08	5390.-	1/5
	For 10 Way TPN Double door DB	—	—	—	8GB32207RC10	5775.-	1/5
	For 12 Way TPN Double door DB	—	—	—	8GB32207RC12	7080.-	1/5
	For 14 Way TPN Double door DB	—	—	—	8GB32207RC14	7435.-	1/5
	For 16 Way TPN Double door DB	—	—	—	8GB32207RC16	7645.-	1/5

Note: * MRP - Maximum Retail Price

@ Contains required accessories to Make the DB suitable for PPI Configuration

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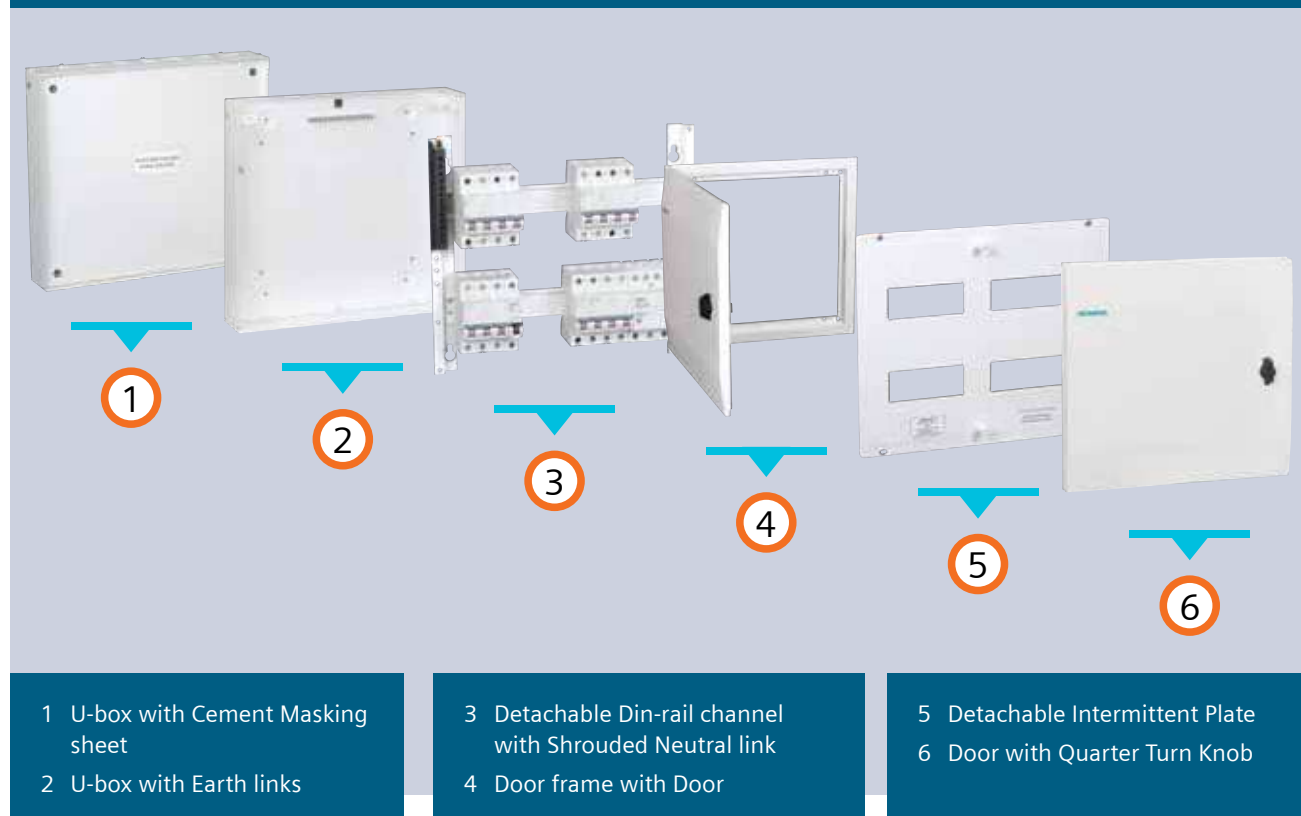
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Also available in flat door option

Betagard Distribution Boards 8GB32 TPN Phase Segregated DBs

	Item Description	Incoming Slots (MW)	Sub-Incomer Slots (MW)	Outgoing Slots (MW)	Total Slots (MW)	Reference No	Unit MRP* ₹	Std. Pkg.** (Nos.)
TPN Phase segregated DBs, IP 20 For MCB as incomer								
	4 Way	12	12	12	36	8GB32001RC04	23220.-	1
	6 Way	12	12	18	42	8GB32001RC06	26115.-	1
	8 Way	12	12	24	48	8GB32001RC08	30485.-	1
	12 Way	12	12	36	60	8GB32001RC12	36295.-	1
TPN Phase segregated DBs, (8 segment) IP 43 For MCB as incomer								
	4 way	12	12	12	36	8GB32002RC04	27575.-	1
	6 way	12	12	18	42	8GB32002RC06	31935.-	1
	8 way	12	12	24	48	8GB32002RC08	36295.-	1
	12 way	12	12	36	60	8GB32002RC12	43540.-	1
TPN Phase segregated DBs, IP 43 for MCCB as incomer upto 160A								
	6 way		12	18	30	8GB32012RC06	49325.-	1
	8 way		12	24	36	8GB32012RC08	56595.-	1
	12 way		12	36	48	8GB32012RC12	63855.-	1
Wire Way box for MCB Incomer, IP 43 DBs								
	For 4 Way	-	-	-	-	8GB32007RC04	7245.-	1
	For 6 Way	-	-	-	-	8GB32007RC06	8695.-	1
	For 8 Way	-	-	-	-	8GB32007RC08	10140.-	1
	For 12 Way	-	-	-	-	8GB32007RC12	11595.-	1
Wire Way box for MCCB Incomer, IP 43 DBs								
	For 6 Way	-	-	-	-	8GB32017RC06	8695.-	1
	For 8 Way	-	-	-	-	8GB32017RC08	10140.-	1
	For 12 Way	-	-	-	-	8GB32017RC12	11595.-	1

Betagard Distribution Board 8GB



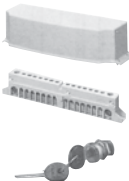
Note: * MRP - Maximum Retail Price

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Industrial plug & sockets

	Item Description	Total Slots (MW)	Reference No	Unit MRP* ₹	Std. Pkg.** (Nos.)
Plug & Socket, IP20 with provision for MCB mounting :					
	1 Phase 20A, 1P MCB	1	8GB0501RC	3770.-	1/20
	1 Phase 20A, 2P MCB	2	8GB0501SRC	3770.-	1/20
	3 Phase 32A, 3P MCB	3	8GB0502	7975.-	1/15
	3 Phase 32A, 3P+N MCB	4	8GB0502S	7975.-	1/15
	5 Pin (3P+N+PE) 3Phase 32A MCB 3P+N MCB	8	8GB050332	12600.-	1/5
	5 Pin (3P+N+PE) 3Phase 63A MCB 3P+N MCB	8	8GB050363	32825.-	1/5

Simbox WP

	Item Description	Total Slots (MW)	Reference No	Unit MRP* ₹	Std. Pkg.** (Nos.)
Simbox WP (IP65 DBs)					
	1 Row, 4Mod	4	8GB13710	Price on request	1
	1 Row 8Mod	8	8GB13711		1
	1 Row 12Mod	12	8GB13712		1
	1 Row 18Mod	18	8GB13713		1
	2 Row 2 x 12Mod	24	8GB13722		1
	2 Row, 2 x 18Mod	36	8GB13723		1
	3 Row, 3 x 18Mod	54	8GB13733		1
	4 Row 4 x 18Mod	72	8GB13743		1
Accessories for Simbox WP					
	Coupling covers, 12M		8GB20510	Price on request	1
	Coupling covers, 18M		8GB20511		1
	Insulated N/PE terminals, 8MW		8GB20520		1
	Insulated N/PE terminals, 12MW		8GB20521		1
	Insulated N/PE terminals, 18MW		8GB20522		1
	Cylindrical security lock		8GB20550		1

Note: * MRP - Maximum Retail Price

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Betagard Distribution Boards Accessories

	Item Description	Reference No	Unit MRP* ₹	Std. Pkg.** (Nos.)
Blanking Plate				
	1 MW	8GB9901	145.-	25
Insulated Shorting Links				
Single Phase Shorting Links for Shorting 1P MCBs				
For SPN and TPN PPI DB				
	5 Leg SP Shorting Link	8GB9905LSP	440.-	10
	7 Leg SP Shorting Link	8GB9907LSP	515.-	10
	9 Leg SP Shorting Link	8GB9909LSP	605.-	10
	11 Leg SP Shorting Link	8GB9911LSP	640.-	10
	13 Leg SP Shorting Link	8GB9913LSP	860.-	10
	15 Leg SP Shorting Link	8GB9915LSP	1035.-	10
	17 Leg SP Shorting Link	8GB9917LSP	1090.-	10
For TPN DB				
	4 Leg SP Shorting Link	8GB9904LSP	440.-	10
	6 Leg SP Shorting Link	8GB9906LSP	515.-	10
	8 Leg SP Shorting Link	8GB9908LSP	605.-	10
	10 Leg SP Shorting Link	8GB9910LSP	640.-	10
	12 Leg SP Shorting Link	8GB9912LSP	860.-	10
	14 Leg SP Shorting Link	8GB9914LSP	1035.-	10
	16 Leg SP Shorting Link	8GB9916LSP	1090.-	10
Two Phase, 1 meter long for shorting 2P MCBs (suitable for maximum of 28 nos. 2MW devices)				
	Shorting link without End caps, Can be cut and used.	8GB990SLLD	10740.-	1
	End Caps for 2 pole Shorting Links	8GB990ECLD	175.-	10
Three Phase, 1 meter long for shorting 3P MCBs (suitable for maximum of 19 nos. 3MW devices)				
	Shorting link without Enc caps, Can be cut and used.	8GB990SLLT	11750.-	1
	End Caps for 3 pole Shorting Links	8GB990ECLT	265.-	10
Three Phase + N, 1 meter long for shorting TPN MCBs (suitable for maximum of 14 nos. 4MW devices)				
	Shorting link without Enc caps, Can be cut and used.	8GB990SLLTN	12420.-	1
	End Caps for 3 pole Shorting Links	8GB990ECLTN	330.-	10
Neutral Terminals				
Neutral Terminals For 8GB0 and 8GB31 DBs (Along with Mounting Stands)				
	5 Way Neutral Link	8GB9905NL	475.-	10
	11 Way Neutral Link	8GB9911NL	700.-	10
	13 Way Neutral Link	8GB9913NL	800.-	10
	15 Way Neutral Link	8GB9915NL	895.-	10
Neutral Terminals For 8GB32 DBs (With Terminal Shroud and Cover)				
	Neutral Terminal 5 Holes	8GB9905NPE	515.-	10
	Neutral Terminal 11 Holes	8GB9911NPE	715.-	10
	Neutral Terminal 13 Holes	8GB9913NPE	860.-	10
	Neutral Terminal 15 Holes	8GB9915NPE	945.-	10
Earth Terminals				
	5 Way Earth Link	8GB9905EL	395.-	10
	11 Way Earth Link	8GB9911EL	670.-	10
	13 Way Earth Link	8GB9913EL	715.-	10
	15 Way Earth Link	8GB9915EL	860.-	10

Note: * MRP - Maximum Retail Price

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5SD Surge Protection Devices

Safe & Reliable

Surge Protection Devices are available in the following types:

Type 1 - For incoming power supply panels, in buildings with lightning protection system. Must be accompanied by downstream SPD

Type 2 - For distribution panels located downstream of Type 1 protectors or in incoming supply panels in areas of low exposure to lightning strikes, where the building is not fitted with lightning protection system

Type 3 - Always installed downstream of Type 2 protection designed to protect sensitive equipment or equipment located more than 20m downstream of Type 2 SPD

Surge Protection Devices

For protection of equipment against Lightning and Switching surges

- Standard: IEC 61643-11 / EN 61643-11
- Type 1, Type 2 and Photovoltaic surge protection
- With Remote signaling contact
- Integrated SPD health indicator

Type 1: Lightning Surge Arresters

- Maximum continuous operating voltage U_c : 350V



Reference No.	Rated voltage	Pole	Module width	Total I_{imp} (10/350 μ s)	I_{max} (8/20 μ s)	Remote status	Unit LP* ₹
5SD74121RC	240V AC	1P+N	4	50kA	50kA	Yes	30210.-
5SD74141RC	240/415V AC	3P+N	8	100kA	50kA	Yes	58805.-

Type 2: Surge Arresters



Reference No.	Rated voltage	Pole	Module width	U_c	I_{max} (8/20 μ s)	Remote status	Unit LP* ₹
5SD74610RC	240V AC	1P	1	335V AC	20kA	No	4940.-
5SD74640RC	240/415V AC	3P+N	4	335V AC	40kA	No	14685.-

Surge Arresters for Photovoltaic application

On the DC side, over voltage protection is required for the inverters which can be ensured by using 5SD74836RC.

On the AC side, the over voltage protection can be ensured using surge arresters Type 2 (5SD7461-0RC/5SD7464-0RC)



Reference No.	Rated voltage	Pole	Module width	U_{cpv}	I_{max} (8/20 μ s)	Remote status	Unit LP* ₹
5SD74836RC	1170V DC	L+ and L-	3	1170V DC	40kA	No	8345.-

Note: Standard packing: 1unit

*LP: List Price



Surge Protection Devices

For protection of equipment against Lightning and Switching surges

Type 1: Lightning Surge Arresters

For TN-S/ TT system

Lightning arresters, Type 1 requirement class B, U_c 350V Pluggable protective modules 4-pole, 3+1 circuit for TN-S and TT systems with remote display



5SD74121



5SD74141

Rated voltage U_N	Backup fuse rating	Protection level	Lightening impulse current $I_{mp}(10/350\mu s)$		Pole	Reference No.	Unit LP* ₹
			L-N or L-(PE), 1P/3P	N-PE			
240V AC	125A gL/gG	1.5-2.5kV	25kA	100kA	1P+N	5SD74121	108770.-
240/415V AC	125A gL/gG	1.5-2.5kV	25kA/75kA	100kA	3P+N	5SD74141	184510.-

For TN-C system

Lightning arresters, Type 1 requirement class B, U_c 350V Pluggable protective modules 3-pole, 3+0 circuit for TNC systems with remote display



5SD74131

Rated voltage U_N	Backup fuse rating	Protection level	Lightening impulse current $I_{mp}(10/350\mu s)$		Pole	Reference No.	Unit LP* ₹
			L-N or L-(PE), 1P/3P	N-PE			
240/415V AC	125A gL/gG	$\leq 1.5kV$	25kA/75kA	-	3P	5SD74131	144335.-

Type 2 : Surge Arresters

For TN-S/ TT system

Surge arrester Type 2 requirement class C, U_c :350V/260V (L-N/N-PE) Pluggable protective modules 4-pole, 3+1 circuit for TN-S and TT AC systems

Rated Discharge Surge Current $I_n=20kA$

SC capacity with backup fuse=25kA



5SD74641



5SD74220-0

Rated voltage U_N	Backup fuse rating	Protection level U_p	Rated discharge current I_n (8/20usec)		Pole	Remote signaling	Reference No.	Unit LP* ₹
			L-N or L-(PE), 1P/3P	N-PE				
240/415V	80A gL/gG	1.5-1.9kV	40kA	40kA	3P+N	No	5SD74640	57185.-
240/415V	80A gL/gG	1.5-1.9kV	40kA	40kA	3P+N	Yes	5SD74641	42190.-
240V	80A gL/gG	1.5-1.9kV	20kA	20kA	1P+N	No	5SD74220	33155.-
240V	80A gL/gG	1.5-1.9kV	20kA	20kA	1P+N	Yes	5SD74221	36605.-

For TN-C system

Surge arrester Type 2 requirement class C, U_c :350V
Pluggable protective modules 3-pole, 3+0 circuit for TNC systems



5SD74630-0

Rated voltage U_N	Backup fuse rating	Protection level U_p	Maximum discharge surge current I_{max} L-N or L-(PE)N, 1P	Pole	Remote signaling	Reference No.	Unit LP* ₹
240/415V	80A gL/gG	$\leq 1.5kV$	40kA	3P	No	5SD74630	48905.-
240/415V	80A gL/gG	$\leq 1.5kV$	40kA	3P	Yes	5SD74631	51145.-

L - Line, N - Neutral, PE - Protective Earth

Note: Standard packing: 1 unit

* LP : List Price

Surge Protection Devices

For protection of equipment against Lightning and Switching surges

Type 3 : Surge Arresters

	Rated voltage	Rated current	Protection level	Rated discharge current	Pole	Reference No.	Unit LP* ₹
	24V AC 34V DC	26A	0.65kV	1kA	2P	5SD74325	23185.-
	120V AC 150V DC	26A	0.95kV	3kA	2P	5SD74326	25260.-
	240V AC 240V DC	26A	1.5kV	3kA	2P	5SD74327	25940.-

Surge arresters for photovoltaic application

Due to the combination of three power varistors, the overvoltage protection required for the inverters is implemented on the DC side. On the AC side, the overvoltage protection can be ensured using surge arresters type 2 (5SD7422-/5SD7424-)

	Rated voltage U_N	Rated discharge current	Protection level U_p	Lightning Impulse current (L-N/L-(PE)N)	Max. discharge current	Pole	Remote signaling	Reference No.	Unit LP* ₹
 5SD74836	1000V DC	15kA	≤3.5kV	≤5kA	40kA	3P	No	5SD74836	8345.-

Replacement Plug

	SPD Type	Type	Connection	Reference No.	Unit LP* ₹
	5SD74121	Type 1	L-N	5SD74181	40695.-
	5SD74131				
	5SD74141				
	5SD74121	Type 1	N-PE	5SD74180	42655.-
	5SD74131				
	5SD74141				
	5SD7463-0/1	Type 2	L-N	5SD74681	11950.-
	5SD7464-0/1		N-PE	5SD74880	14990.-
	5SD7422-0/1		L-N	5SD74281	11950.-
	5SD7422-0/1		N-PE	5SD74280	15560.-
	5SD7483-6	PV	-	5SD74983	12325.-

* Also available Type 1+ Type 2 and Type 1/2 Compact SPDs for protection against overvoltages from Lightning strikes as well as by switching operations in network

Note:

Standard packing: 1 unit

* LP - List Price



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- 7LF time switch - Digital and Analog timers for all applications; available in Mini, Top, Profi, Astro, Expert and Expert GPS variants
- 5TT5 insta contactors – For all control applications; also with Manual/Automatic switching indicator
- DIN mounted phase indicators, monitoring relays and measuring devices for final distribution circuits
- Twilight Switch for Automatic Street Light Control

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Modular Devices

	Item Description	Rated Current I _n (A)	MW#	Reference No	Unit LP* ₹	Std. Pkg.** (Nos.)
Insta Contactors Standards: EN 60947-4-1, EN 60947-5-1						
	3NO+1NC contacts, 230V AC/220V DC (1NC contact rated for 30A)	40	3	5TT58410	16575.-	1/5
	3NO+1NC contacts, 24V AC/24V DC (1NC contact rated for 30A)	40	3	5TT58412	16655.-	1/5
	4NO contacts, 230V AC/220V DC	40	3	5TT58400	16705.-	1/5
	4NO contacts, 24V AC/24V DC	40	3	5TT58402	16680.-	1/5
	3NO+1NC contacts, 230V AC/220V DC (1NC contact rated for 30A)	63	3	5TT58510	25955.-	1/5
	3NO+1NC contacts, 24V AC/24V DC, (1NC contact rated for 30A)	63	3	5TT58512	26430.-	1/5
	4NO contacts, 230V AC/220V DC	63	3	5TT58500	21170.-	1/5
	4NO contacts, 24V AC/24V DC	63	3	5TT58502	21215.-	1/5
Insta Contactors Manual / Automatic with Switching Indicator Standards: IEC60947-4-1, IEC60947-5-1						
	4NO contacts, 400V AC	40	3	5TT58406	24540.-	1/5
	4NO contacts, 400V AC	63	3	5TT58506	32150.-	1/5
Accessories						
	Control Switch with 1 Make and 1 Break Contact For AC 230V/400V For 5TT58 and 5TT50			5TT59101	7390.-	1/10
Twilight switch						
	Twilight Switch with light sensor 230 V, 50/60 Hz, 1MW, 16A			7LQ2300	69530.-	1

Note:

* LP - List Price # 1MW (Module Width) = 18mm

** Purchase MOQ for our authorized dealers is in multiples of standard packing, contact Siemens Sales Office for further details



Modular Devices

	Item Description	Rated Current I _n (A)	MW#	Reference No	Unit LP* ₹	Std. Pkg.** (Nos.)
Voltage Relays Standards: IEC 60255, DIN VDE 0435-303						
	Voltage relay for undervoltage monitoring of 1,2,3 phases against N with phase failure detection, Switching thresholds 0.7-0.9xV, not adjustable; 2 C/O contacts, 4A, 230/400V AC	4	2	5TT3402	Price on request	1
	Voltage relay for undervoltage monitoring of 1,2,3 phases against N, short time failure detection with phase failure detection and N conductor monitoring, Switching thresholds 0.8-0.85xV, not adjustable; 2 C/O contacts, 230/400V AC	4	2	5TT3407	Price on request	1
	Voltage relay for over and undervoltage monitoring of 3 phases against N with asymmetry, reverse voltage and phase failure detection with N conductor monitoring and adj. Time delay of 0.1 to 20s, Switching thresholds: U/voltage 0.7-1.1xV, 4% hysteresis, adjustable, O/voltage 0.9-1.1xV, 4% hysteresis, adjustable; 2 C/O contacts, 230/400V AC	4	2	5TT3408	Price on request	1
RYG 3 phase indicator in 1MW						
	3 phase indicator (all with green color cap)		1	5TE5802	6755.-	1/10
	3 phase indicator (red/yellow/green)		1	5TE5803	6425.-	1/10
	Transparent cap (1 set = 3 items, R, Y, G lens)			5TG8070	1725.-	1/10
Power ON Indicator (Economy Version) 230 V AC, 1 Phase						
	Light indicators for max. cable length up to 5 m with 1 red lamp		1	5TE5800	4030.-	1/12
	Light indicators for max. cable length up to 250 m with 1 red lamp		1	5TE5804	5120.-	1/12
	Transparent cap (Red) (1 set 5x each red/transparent)			5TG8061	2230.-	5
	Transparent cap (Green) (1 Set with 5x each green/transparent)			5TG8062	2230.-	5
	Transparent cap (Yellow) (1 Set with 5x each yellow/transparent)			5TG8063	2230.-	5
	Transparent cap (Blue) (1 Set with 5x each blue/transparent)			5TG8064	2230.-	5
Fuse Monitor						
	Fuse monitors with transparent caps for all low voltage fuse systems, 230V AC	4	2	5TT3170	Price on request	1

Note:

* LP - List Price # 1MW (Module Width) = 18mm

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Modular Devices

	Item Description	Rated Current I _n (A)	MW#	Reference No	Unit LP* ₹	Std. Pkg.** (Nos.)
Time Switches (Digital)						
	Mini digital, daily/weekly program, 100 hours reserve, 230V AC	16	1	7LF45015	15680.-	1
	Yearly time switch top digital 230V, 1 channel	16	2	7LF45110	19200.-	1
	Yearly time switch top digital 230V, 2 channel	16	2	7LF45120	36760.-	1
	Weekly time switch profi digital 230V, 1 channel	16	2	7LF45210	34245.-	1
	Weekly time switch profi digital 230V, 2 channel	16	2	7LF45220	44290.-	1
	Weekly time switch astro digital 230V, 1 channel	16	2	7LF45310	34525.-	1
	Weekly time switch astro digital 230V, 2 channel	16	2	7LF45320	57715.-	1
Time Switches (Mechanical) Standards: EN 60730-1						
 7LF53005	Quartz time switch Day 1 NO 230V/50-60Hz 1 MW with power reserve	16	1	7LF53011	21245.-	1
	Synchronous time switches without power reserve, for DIN rail mounting, day disk, 1CO, 230V AC	16	3	7LF53005	11725.-	1
	Quartz-clock time switches with power reserve for DIN rail mounting, day disk, 1CO, 230V AC	16	3	7LF53016	22565.-	1
	Quartz-clock time switches with power reserve for wall mounting, day disk, 1CO, 250V AC	16	—	7LF53050	24685.-	1
	Synchronous time switches without power reserve, for wall mounting, day disk, 1CO, 250V AC	16	—	7LF53010	13915.-	1
Accessories for Digital Time Switches						
	USB adapter and software			7LF49410	56825.-	1
	Data key profi, astro			7LF49411	5785.-	1

Note:

* LP - List Price

1MW (Module Width) = 18mm

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3NA6 Fuse with Insulated Gripping Lugs

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Enhancement in safety with high grade plastic cover plates.

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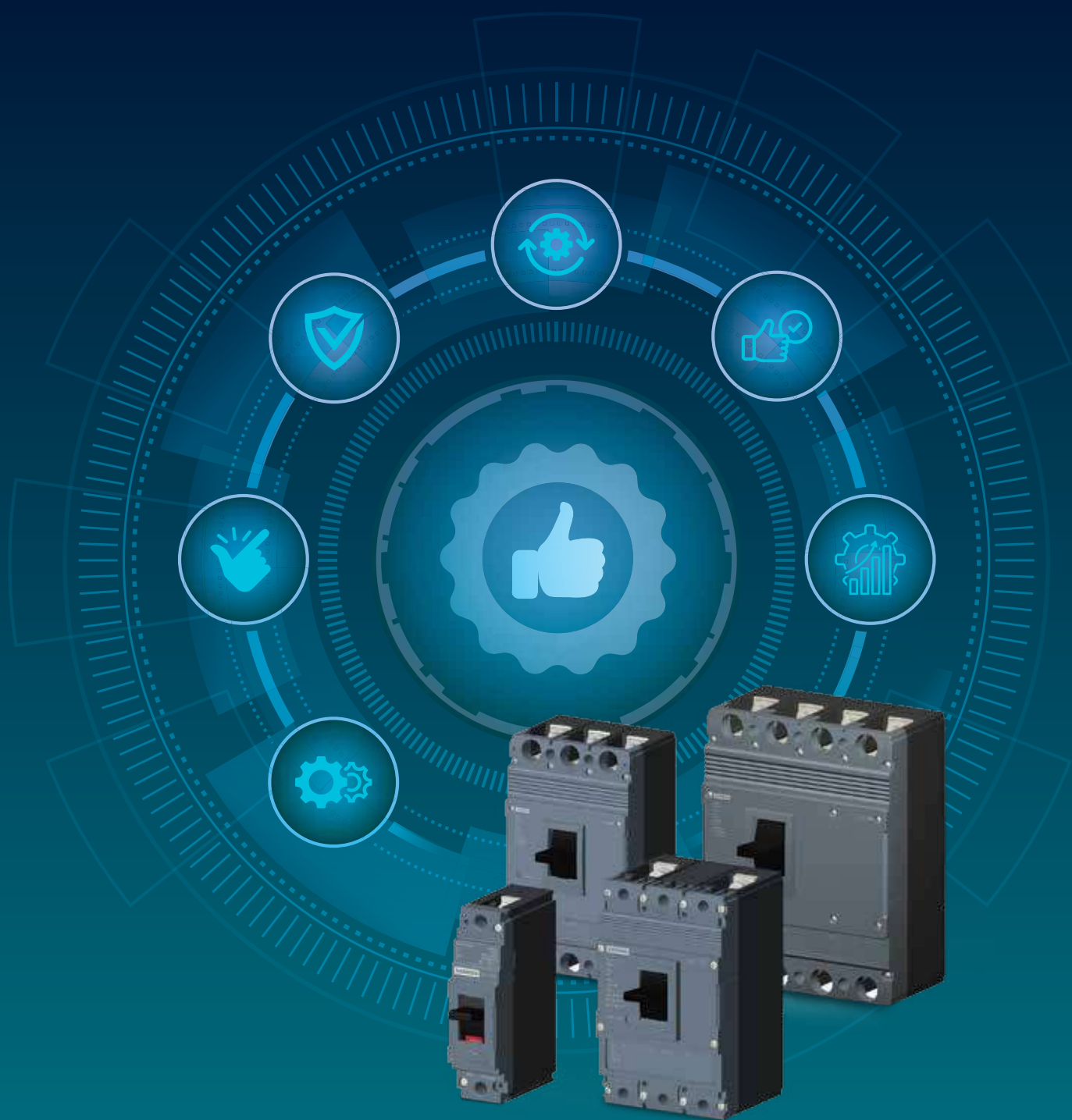


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3VJ Moulded Case Circuit Breakers



- Rated current: 16A to 630A
- 1 pole, 2 pole, 3 pole & 4 pole versions
- Breaking capacity: 10kA to 55kA
- Thermal magnetic trip unit (FTFM, ATFM)
- Range of internal and external accessories

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3VJ Moulded Case Circuit Breakers^{\$}

3VJ MCCB, Thermal Magnetic Trip Unit, Fixed Thermal Fixed Magnetic (FTFM), 415V AC, 50Hz

Frame Size	Breaking Capacity @415V AC, 50/60Hz	Rated Current In (A)	3 Pole Type	4 Pole Type
3VJ10 (VJ1 125X)	18kA	16	3VJ1096-1DA32-0AA0	3VJ1096-1EA42-0AA0
		20	3VJ1002-1DA32-0AA0	3VJ1002-1EA42-0AA0
		25	3VJ1092-1DA32-0AA0	3VJ1092-1EA42-0AA0
		32	3VJ1003-1DA32-0AA0	3VJ1003-1EA42-0AA0
		40	3VJ1004-1DA32-0AA0	3VJ1004-1EA42-0AA0
		50	3VJ1005-1DA32-0AA0	3VJ1005-1EA42-0AA0
		63	3VJ1006-1DA32-0AA0	3VJ1006-1EA42-0AA0
		80	3VJ1008-1DA32-0AA0	3VJ1008-1EA42-0AA0
		100	3VJ1010-1DA32-0AA0	3VJ1010-1EA42-0AA0
		125	3VJ1012-1DA32-0AA0	3VJ1012-1EA42-0AA0
	25kA	16	3VJ1096-3DA32-0AA0	3VJ1096-3EA42-0AA0
		20	3VJ1002-3DA32-0AA0	3VJ1002-3EA42-0AA0
		25	3VJ1092-3DA32-0AA0	3VJ1092-3EA42-0AA0
		32	3VJ1003-3DA32-0AA0	3VJ1003-3EA42-0AA0
		40	3VJ1004-3DA32-0AA0	3VJ1004-3EA42-0AA0
		50	3VJ1005-3DA32-0AA0	3VJ1005-3EA42-0AA0
		63	3VJ1006-3DA32-0AA0	3VJ1006-3EA42-0AA0
		80	3VJ1008-3DA32-0AA0	3VJ1008-3EA42-0AA0
		100	3VJ1010-3DA32-0AA0	3VJ1010-3EA42-0AA0
		125	3VJ1012-3DA32-0AA0	3VJ1012-3EA42-0AA0
3VJ12 (VJ1 250)		160	3VJ1216-3DA32-0AA0	3VJ1216-3EA42-0AA0
		200	3VJ1220-3DA32-0AA0	3VJ1220-3EA42-0AA0
		250	3VJ1225-3DA32-0AA0	3VJ1225-3EA42-0AA0

3VJ MCCB, Thermal Magnetic Trip Unit, Adjustable Thermal Fixed Magnetic (ATFM), 415V AC, 50Hz

Frame Size	Breaking Capacity @415V AC, 50/60Hz	Rated Current In (A)	3 Pole Type	4 Pole Type
3VJ10 (VJ1 125X)	25kA	16	3VJ1096-3DB32-0AA0	3VJ1096-3EB42-0AA0
		20	3VJ1002-3DB32-0AA0	3VJ1002-3EB42-0AA0
		25	3VJ1092-3DB32-0AA0	3VJ1092-3EB42-0AA0
		32	3VJ1003-3DB32-0AA0	3VJ1003-3EB42-0AA0
		40	3VJ1004-3DB32-0AA0	3VJ1004-3EB42-0AA0
		50	3VJ1005-3DB32-0AA0	3VJ1005-3EB42-0AA0
		63	3VJ1006-3DB32-0AA0	3VJ1006-3EB42-0AA0
		80	3VJ1008-3DB32-0AA0	3VJ1008-3EB42-0AA0
		100	3VJ1010-3DB32-0AA0	3VJ1010-3EB42-0AA0
		125	3VJ1012-3DB32-0AA0	3VJ1012-3EB42-0AA0
3VJ12 (VJ1 250)	36kA	160	3VJ1216-3DB32-0AA0	3VJ1216-3EB42-0AA0
		200	3VJ1220-3DB32-0AA0	3VJ1220-3EB42-0AA0
		250	3VJ1225-3DB32-0AA0	3VJ1225-3EB42-0AA0
3VJ13 (VJ1 400)		320	3VJ1332-3DB32-0AA0	3VJ1332-3EB42-0AA0
		400	3VJ1340-3DB32-0AA0	3VJ1340-3EB42-0AA0
3VJ11 (VJ1 125)		16	3VJ1196-5DB32-0AA0	3VJ1196-5EB42-0AA0
		20	3VJ1102-5DB32-0AA0	3VJ1102-5EB42-0AA0
		25	3VJ1192-5DB32-0AA0	3VJ1192-5EB42-0AA0
		32	3VJ1103-5DB32-0AA0	3VJ1103-5EB42-0AA0
		40	3VJ1104-5DB32-0AA0	3VJ1104-5EB42-0AA0
	50	3VJ1105-5DB32-0AA0	3VJ1105-5EB42-0AA0	
	63	3VJ1106-5DB32-0AA0	3VJ1106-5EB42-0AA0	
	80	3VJ1108-5DB32-0AA0	3VJ1108-5EB42-0AA0	
	100	3VJ1110-5DB32-0AA0	3VJ1110-5EB42-0AA0	
	125	3VJ1112-5DB32-0AA0	3VJ1112-5EB42-0AA0	
3VJ12 (VJ1 250)	160	3VJ1216-5DB32-0AA0	3VJ1216-5EB42-0AA0	
	200	3VJ1220-5DB32-0AA0	3VJ1220-5EB42-0AA0	
	250	3VJ1225-5DB32-0AA0	3VJ1225-5EB42-0AA0	
3VJ13 (VJ1 400)	320	3VJ1332-5DB32-0AA0	3VJ1332-5EB42-0AA0	
	400	3VJ1340-5DB32-0AA0	3VJ1340-5EB42-0AA0	
3VJ14 (VJ1 630)	630	3VJ1463-5DB32-0AA0	3VJ1463-5EB42-0AA0	

^{\$} Kindly refer latest Power Distribution Products Price List for prices

3VJ Internal accessories^{\$}

Frame Size	Accessory compartment/ Coil voltage	3VJ10 (VJ1 125X)	3VJ11 (VJ1 125)	3VJ12 (VJ1 250)	3VJ13/14 (VJ1 400/630)
Accessory					
Auxiliary Switches (AUX)	Left	3VJ9018-0AN11	3VJ9218-0AN11	3VJ9218-0AN11	3VJ9417-0AN11
	Right	–	3VJ9218-0AN21	3VJ9218-0AN21	3VJ9417-0AN21
Auxiliary + Alarm Switches (AUX+AL)	Left	3VJ9018-0AD11	3VJ9118-0AD11	3VJ9218-0AD11	3VJ9417-0AD11
	Right	–	3VJ9118-0AD21	3VJ9218-0AD21	3VJ9417-0AD21

3VJ External accessories^{\$}

Frame Size	3VJ10 (VJ1 125X)	3VJ11 (VJ1 125)	3VJ12 (VJ1 250)	3VJ13/14 (VJ1 400/630)
Accessory				
Extended Door Mounted Rotary Operator (including 8UC handle)	3VJ9018-0HD11	3VJ9118-0HD11	3VJ9218-0HD11	3VJ9417-0HD11
 Enclosure	3VJ9016-0DE11 (2P, 3P)	3VJ9116-0DE11 (2P, 3P)	3VJ9216-0DE12 (2P, 3P)	–
	3VJ9014-0DE11 (4P)	3VJ9114-0DE11 (4P)	3VJ9214-0DE12 (4P)	–

Raja⁺ DOL Starters[@] 3TW Direct On Line Starters



3ph, 50Hz DOL Starter in sheet steel housing, including bimetal relay with single phasing protection

	Motor Rating At 415V 3ph 50Hz		Starter Type	Contactors	Thermal Overload Relay	Relay range (A)	Max. Full Load Current (Amp)		Std. Pkg. (Nos.)
	HP	kW					3Ph, 415V 4P Squirrel Cage IS 8789:1996 Table 4	3Ph, 415V 2P MRP Submersible motor IS 9283:1995 Table 2	
	0.33	0.25	3TW7291-1A^64	3TS3010-0A##-08KA0	3UW5102-0J	0.63-1	-	-	1
	0.75	0.55	3TW7291-1A^66	3TS3010-0A##-08KA0	3UW5102-1A	1-1.6	1.7	-	1
	1	0.75	3TW7291-1A^68	3TS3010-0A##-08KA0	3UW5102-1C	1.6-2.5	2.2	-	1
	1.5	1.1	3TW7291-1A^69	3TS3010-0A##-08KA0	3UW5102-1D	2-3.2	2.9	3.25	1
	2	1.5	3TW7291-1A^71	3TS3010-0A##-08KA0	3UW5102-1F	3.2-5	3.8	4.5	1
	3	2.2	3TW7291-1A^72	3TS3010-0A##-08KA0	3UW5102-1G	4-6.3	5.1	6.5	1
	5	3.7	3TW7291-1A^74	3TS3010-0A##-08KA0	3UW5102-1J	6.3-10	8.1	10	1
	7.5	5.5	3TW7291-1A^75	3TS3210-0A##-08KA0	3UW5102-1K	8-12.5	11.4	14.5	1
	7.5	5.5	3TW7291-1A^77	3TS3210-0A##-08KA0	3UW5102-2A	10-16	-	-	1
	10	7.5	3TW7291-1A^78	3TS3210-0A##-08KA0	3UW5102-2B	12.5-20	15.4	19.5	1

^ Enter code for coil voltage, 50Hz (B for 200-400V AC, W for 332 - 456V AC)

Enter Code for operating coil voltage, 50 Hz (Z6 for 200-400V, R0 for 415V)

* MRP - Maximum Retail Price LP - List Price

\$ Kindly refer latest Power Distribution Products Price List for prices

@ Kindly refer latest Control Products Price List for prices

Switch disconnecter fuse[@] Superswitch 3KL8 in open execution 3PN

Switch Disconnector fuse: 3KL8 for power distribution (in Open Execution 3PN)[^]

	Rated current I _e @ 690V AC 50Hz	SDF suitable for DIN type HRC Fuses	SDF suitable for BS type HRC Fuses	SDF suitable for cylindrical type HRC Fuses	Std. pkg. (nos.)
	20A	3KL8111-5TA00	3KL8111-5TJ00	3KL8111-5TC00	1
	32A	3KL8121-5TA00	3KL8121-5TJ00	3KL8121-5TC00	1
	63A	3KL8151-5TA00	3KL8151-5TJ00	3KL8151-5TC00	1
	100A	3KL8171-5TA00	—	—	1
	100A	3KL8211-5TA00	3KL8211-5TJ00	—	1
	125A	3KL8221-5TA00	3KL8221-5TJ00	—	1
	160A	3KL8231-5TA00	3KL8231-5TJ00	—	1
	200A	3KL8311-5UA00	3KL8311-5UJ00	—	1
	250A	3KL8321-5UA00	3KL8321-5UJ00	—	1
	315A	3KL8331-5UA00	3KL8331-5UJ00	—	1
	400A	3KL8341-5UA00	3KL8341-5UJ00	—	1
	500A	3KL8411-5UA00	3KL8411-5UJ00	—	1
	630A	3KL8421-5UA00	3KL8421-5UJ00	—	1
	800A	3KL8431-5UA00	3KL8431-5UJ00	—	1

[^] 3PN is 3 Pole with neutral link

Selection table for SS Housing for 3KL8

	Rated current I _e (A)	Reference No	Unit MRP* ₹	Std. Pkg. (Nos.)
	3KL81 (20A - 63A)	3KX8235-4AC	—	1
	3KL82 (100A - 160A)	3KX8235-4AC	—	1
	3KL83 (200A - 400A)	3KX8345-4AC	—	1
	3KL84 (500A - 800A)	3KX8435-4AC	—	1

Rated current I _e (A)	Gland box Reference No.	Unit MRP* ₹	Gland Plate Reference No.	Unit MRP* ₹	Std Pkg. (Nos.)
3KL81(20A-63A)	3KX8235-4DC	—	3KX8235-4GC	—	1
3KL82(100A-160A)	3KX8235-4DC	—	3KX8235-4GC	—	1
3KL83(200A-400A)	3KX8345-4DC	—	3KX8345-4GC	—	1
3KL84(500A-800A)	3KX8435-4DC	—	3KX8435-4GC	—	1

LV HRC Fuses[@]

DIN Type Fuse

Rated voltage: 500 V AC

	Size	Rated current A	Reference No	Unit MRP* ₹	Std. Pkg. (Nos.)
	000	2	3NA7 802-ORC	—	1/6
		4	3NA7 804-ORC	—	
		6	3NA7 801-ORC	—	
		10	3NA7 803-ORC	—	
		16	3NA7 805-ORC	—	
		20	3NA7 807-ORC	—	
		25	3NA7 810-ORC	—	
		32	3NA7 812-ORC	—	
		40	3NA7 817-ORC	—	
		50	3NA7 820-ORC	—	
		63	3NA7 822-ORC	—	
		80	3NA7 824-ORC	—	
	00	100	3NA7 830-ORC	—	
		125	3NA7 832-ORC	—	
		160	3NA7 836-ORC	—	
	1	50	3NA7 120-ORC	—	1/3
		63	3NA7 122-ORC	—	
		80	3NA7 124-ORC	—	
		100	3NA7 130-ORC	—	
		125	3NA7 132-ORC	—	
		160	3NA7 136-ORC	—	
		200	3NA7 140-ORC	—	
		224	3NA7 142-ORC	—	
		250	3NA7 144-ORC	—	

400 & 800A fuses - Rated voltage at 415 V AC

Note: * MRP - Maximum Retail Price

@ Kindly refer latest Power Distribution Products Price List for prices

	Size	Rated current A	Reference No	Unit MRP* ₹	Std. Pkg. (Nos.)
	2	200	3NA7 240-ORC	—	1/3
		250	3NA7 244-ORC	—	
		315	3NA7 252-ORC	—	
		400 [#]	3NA7 260-ORC	—	
	3	315	3NA3 352-ORC	—	1/3
		400	3NA3 360-ORC	—	
		500	3NA3 365-ORC	—	
		630	3NA3 372-ORC	—	
		800 [#]	3NA3 375-4RC	—	

BS Fuses

	Type	Rated current A	Reference No	Unit MRP* ₹	Std. Pkg. (Nos.)
	Offset Tag	2	3NW TIA2	—	20
		4	3NW TIA4	—	
		6	3NW TIA6	—	
		10	3NW TIA10	—	
		16	3NW TIA16	—	
		20	3NW TIA20	—	
		25	3NW TIA25	—	
		32	3NW TIA32	—	
		40	3NW TIS40	—	
		50	3NW TIS50	—	
		63	3NW TIS63	—	

Available till stocks last

Betagard Distribution Boards 8GB31

	Item Description	Incoming Slots (MW)	Outgoing Slots (MW)	Total Slots (MW)	Reference No	Unit MRP* ₹	Std. Pkg.** (Nos.)
Betaflex (Flexi DBs), IP42 :							
	2Row x 12Mod	—	—	24	8GB31424RC	Price on request	1
	2Row x 16Mod	—	—	32	8GB31426RC		1
	4Row x 6Mod	—	—	24	8GB31441RC		1
	4Row x 8Mod	—	—	32	8GB31442RC		1
	4Row x 10Mod	—	—	40	8GB31443RC		1
	4Row x 12Mod	—	—	48	8GB31444RC		1
	4Row x 16Mod	—	—	64	8GB31446RC		1
Betabus (Vertical Busbar DBs with MCB as an incomer), IP42 : (Suitable for 5SL/5SP MCBs, upto 125A as an incomer)							
	4 way	12	12	24	8GB31471RC	Price on request	1
	6 way	12	18	30	8GB31473RC		1
	8 way	12	24	36	8GB31474RC		1
	12 way	12	36	48	8GB31477RC		1
Betabusplus (Vertical Busbar DBs with MCCB as an incomer), IP42 : (Suitable for 3VT1/3VA1 MCCBs, upto 160A as an incomer)							
	4 way	12	12	24	8GB31571RC	Price on request	1
	6 way	12	18	30	8GB31572RC		1
	8 way	12	24	36	8GB31573RC		1
	12 way	12	36	48	8GB31574RC		1
BetaMulti (DBs for power & communication), IP42 :							
	12 way SPN, provision	2	12	14	8GB31215RC	Price on request	1
	4 Way TPN, Provision	8	12	20	8GB31220RC		1
	6 way TPN, provision	8	18	26	8GB31221RC		1
	8 Way TPN Provision	8	24	32	8GB31222RC		1

Note:

* MRP - Maximum Retail Price

** Purchase MOQ for our authorized dealers is in multiples of standard packing, contact Siemens Sales Office for further details

Available till stocks last

Betagard Distribution Boards 8GB31

	Item Description	Incoming Slots (MW)	Outgoing Slots (MW)	Total Slots (MW)	Reference No	Unit MRP* ₹	Std. Pkg.** (Nos.)
Beta CO (DBs with built-in pre-wired phase changeover switches), IP42 :							
	40 A, 4 Way TPN, built-in	8	12	20	8GB31850RC	Price on request	1
	40 A, 6 Way TPN, built-in	8	18	26	8GB31851RC		1
	40 A, 8 Way TPN, built-in	8	24	32	8GB31852RC		1
	40 A, 12 Way TPN, built-in	8	36	44	8GB31854RC		1
	63 A, 4 Way TPN, built-in	8	12	20	8GB31860RC		1
	63 A, 6 Way TPN, built-in	8	18	26	8GB31861RC		1
	63 A, 8 Way TPN, built-in	8	24	32	8GB31862RC		1
	63 A, 12 Way TPN, built-in	8	36	44	8GB31864RC		1
Wire Way Boxes (WWB)							
	WWB for Flexi DB,8Mod	—	—	—	8GB9908FWWNT	Price on request	1/5
	WWB for Flexi DB,12Mod	—	—	—	8GB9912FWWNT		1/5
	WWB for Flexi DB,16Mod	—	—	—	8GB9916FWWNT		1/5
	WWB for Bus DB	—	—	—	8GB99BUSWWNT		1/5
	WWB for Bus Plus DB	—	—	—	8GB99BPLUSWWNT		1/5
Modular Device Boxes (MDB)							
	MDB for Flexi DB, 8Mod/Row	—	—	8	8GB9908FMDTC	Price on request	1/5
	MDB for Flexi DB,12Mod/Row	—	—	12	8GB9912FMDTC		1/5
	MDB for Flexi DB,16Mod/Row	—	—	16	8GB9916FMDTC		1/5
	MDB for Bus DB	—	—	12	8GB99BUSMBTC		1/5
	MDB for Bus Plus DB	—	—	12	8GB99BPLUSMBTC		1/5
BetaMulti (DBs for power & communication), IP42 :							
	12 way SPN, built-in	2	12	14	8GB31315RC	Price on request	1
	4 Way TPN, Built-in	8	12	20	8GB31320RC		1
	6 way TPN, built-in	8	18	26	8GB31321RC		1
	8 Way TPN, Built-in	8	24	32	8GB31322RC		1
Beta CO (DBs with provision for phase changeover switches), IP42 :							
	4 way, with provision	8	12	20	8GB31840RC	Price on request	1
	6 way, with provision	8	18	26	8GB31841RC		1
	8 way, with provision	8	24	32	8GB31842RC		1
	12 way, with provision	8	36	44	8GB31844RC		1

Betagard Distribution Boards Accessories

	Item Description	Reference No	Unit MRP* ₹	Std. Pkg.** (Nos.)
Blanking Plate				
	1.5 MW	8GB9902	Price on request	25

Note:

* MRP - Maximum Retail Price

** Purchase MOQ for our authorized dealers is in multiples of standard packing, contact Siemens Sales Office for further details

Discontinued Products

Betagard Circuit Breakers 5SY4, with C characteristics

Reference No.	Reference No.
5SY41807CC 5SY42807CC	5SY43807CC 5SY44807CC

Modular Devices

Reference No.	Reference No.	Reference No.
5TE8161 5TE8162 5TE8142	5TT58000 5TT58006 5TT58016	5TT58306

Terms and Conditions

Maximum Retail Price (MRP) / List Price (LP) is subject to revision without prior notice.

The company reserves the right to supply goods at its works or godown at its discretion.

The minimum order size for non-stock items (items not marked with ■) is 50 Nos. for each item or ₹ 50,000/- per item.

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Stock items

The normal stock items (indicated by ■) are subject to change without prior notice.

Note

- This supercedes all previous Price Lists.
- List Prices (LPs) mentioned are exclusive of all taxes.
- Maximum Retail Prices (MRPs) mentioned in the publication are maximum recommended selling prices.
- Invoice amount not to exceed MRP
- Invoice amount = MRP (less) applicable discount + applicable GST %
- For receiving material in factory sealed packing, we request you to order in multiples of the indicated standard packing quantity.

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Always make your purchases only from our authorized dealers. Details available with our sales office/territory managers.



7KT PAC1200

Multichannel current measuring system for flexible multichannel monitoring in final distribution

Current Sensors

- Versions: 40 A, 63 A

Sensor Bar

- Versions available for 3, 6, 9, 12

Data Manager

- Connection of up to 96 sensors (40A/63A)
- DIN rail installation (4MW)

Communication/ Software:

- Modbus TCP/ IP
- Simple system onfiguration via web server
- Easy access to energy data with mobile app (iOS/Android)

*For more details, contact nearest Siemens Sales Office

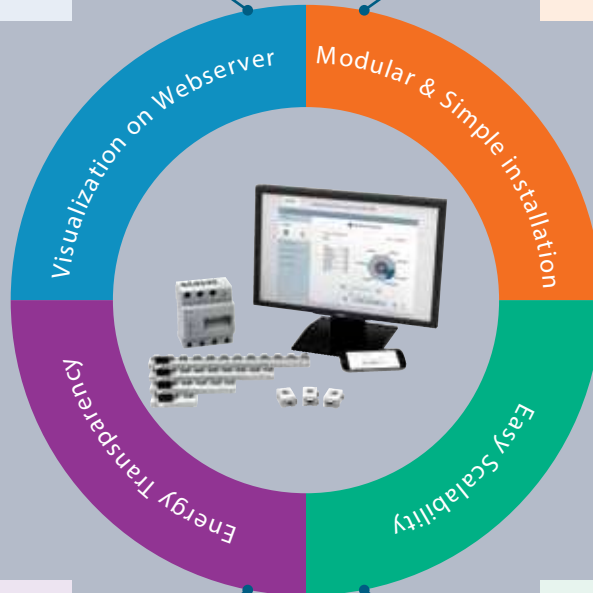
siemens.com/powermonitoring



- Modbus TCP/IP communication
- Simple configuration of system via powerconfig and web server
- Visualization of consumption via Webserver and Mobile App (Android /iOS)

- Flexible sensor bars and current sensors to record up to 96 circuits in one system
- Current sensors simply plug onto the sensor bars, eliminating extensive wiring

fast



plug
and
play

- Targeted detection of power guzzlers
- Simultaneous display of power consumption and costs
- Ensures optimal power monitoring

- Easy to Upgrade
- Scale up the system without any interruption or cumbersome wiring



Easy



Transparent



Cost-efficient



Relevant Standards

Title	IS	IEC	Products							
			MCB		RCCB		RCBO	DB	AFDD	SPD
			5SL4/6/7	5SL5	5SV	5SM	5SU1	8GB	5SM6	5SD7
Electric Installations – MCBs for Building Installations and Similar Purposes Part 1: MCBs for AC Systems	IS 60898-1	IEC 60898-1	✓	–	–	–	–	–	–	–
Low-voltage switchgear and controlgear Part 2: Circuit-breakers	IS 60947-2	IEC 60947-2	–	✓	–	–	–	–	–	–
Residual Current Operated Circuit-Breakers for Household and Similar Uses, Part 1: Circuit-Breakers Without Integral Overcurrent Protection (RCCBs)	IS 12640-1	IEC 61008-1	–	–	✓	✓	–	–	–	–
Residual Current Operated Circuit-Breaking for Household and Similar Uses, Part 2: Circuit-Breakers with Integral Overcurrent Protection (RCBOs)	IS 12640-2	IEC 61009-1	–	–	–	–	✓	–	–	–
General requirements for arc fault detection devices	–	IEC 62606	–	–	–	–	–	–	✓	–
Low-voltage switchgear and controlgear assemblies, Part 2: Power switchgear and controlgear assemblies	–	IEC 61439-1/3	–	–	–	–	–	✓	–	–
Surge protective devices connected to low-voltage power systems	–	IEC 61643-11	–	–	–	–	–	–	–	✓



Degree of Protection

First digit: Protection against solid foreign objects		Second digit: Protection against ingress of water	
	0 No protection		0 No protection
	1 Protected against solid objects up to 50mm (e.g. hand)		1 Protection against vertically falling drops of water (e.g. condensation)
	2 Protected against solid objects up to 12mm diameter (e.g. finger)		2 Protection against direct sprays of water up to 15 degrees from vertical
	3 Protected against solid objects up to 2.5mm diameter (e.g. screwdriver)		3 Protection against direct sprays of water up to 60 degrees from vertical
	4 Protected against solid objects up to 1mm diameter (e.g. wire)		4 Protection against water sprayed from all directions, limited ingress permitted
	5 Protected against dust: limited ingress permitted, no harmful deposit.		5 Protected against low-pressure jets of water from all directions, limited ingress permitted
	6 Totally protected against dust		6 Protected against strong jets of water from all directions, limited ingress permitted (e.g. water from heavy seas on a ship's deck)
IP 6 8			7 Protected against the effect of temporary immersion (30 min) between 15cm and 1m
			8 Protected against long period of immersion under pressure
			9 Protected against high pressure, high temperature jets of water from multiple directions

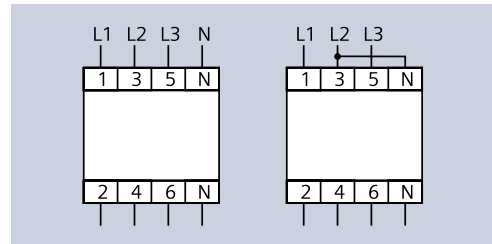


Installation Guideline for RCCB

RCCB suitability for various distribution networks.

Betagard RCCBs can be used in all 3 distribution network types viz. TN, TT & an IT network system. 4 pole RCCBs can also be used in 3 pole supply networks by adhering to installation guidelines. In this case, connection must be at terminals 1, 3 and 5 and 2, 4 and 6.

The function of the test equipment is only ensured if a jumper is fitted between terminals 3 and N.



Types and waveform

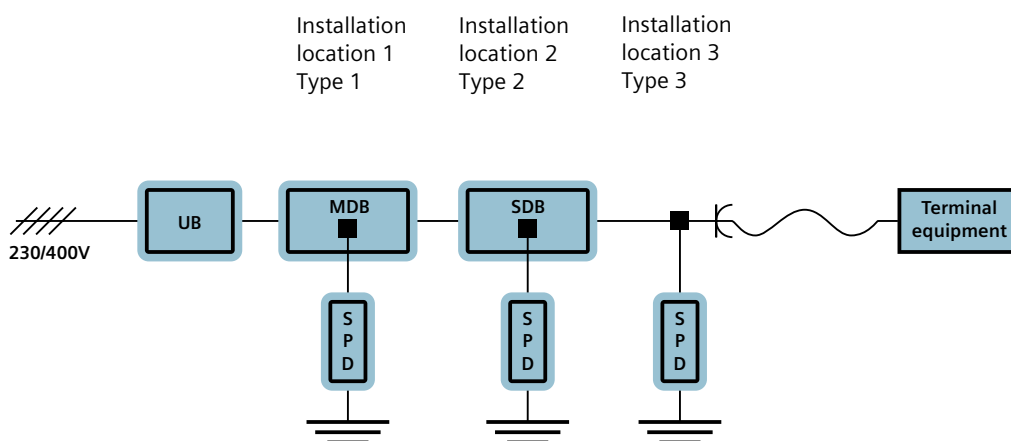
					6 mA	10 mA		
Type AC		■	—	—	—	—	—	—
Type A		■	■	■	■	—	—	—
Type F		■	■	■	■	■	■	—
Type B		■	■	■	■	■	■	■
Type B+		■	■	■	■	■	■	■

Version

SIGRES	with active condensation protection for use in severe ambient conditions
[G] / [K]	super-resistant, 10 ms short-term delayed devices with increased immunity to false triggering due to transient disruptions
[S]	as an upstream group switch for selective shutdown against downstream RCCBs



Installation locations for Surge Protection Devices (SPDs)



UB: Utility Box

MDB: Main distribution board

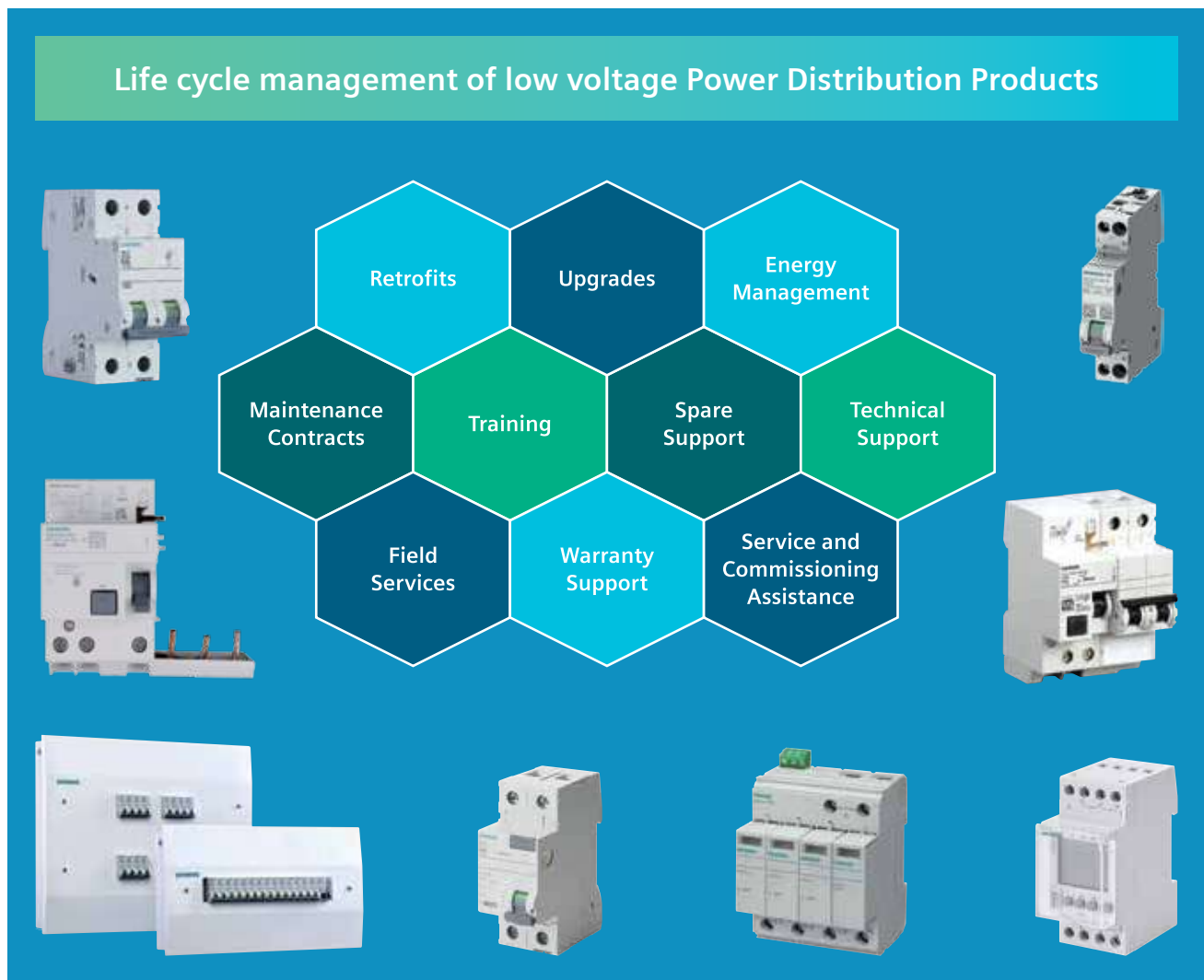
SDB: Sub Distribution board

Installation location 1 must be as close as possible to the supply point for the electrical system, so that the downstream installations are protected. The SPDs at installation locations 2 and 3 shall not be used without SPDs at installation location 1, and they must be coordinated with these SPDs (i.e. SPDs all from the same manufacturer).

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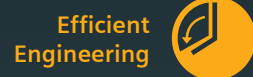
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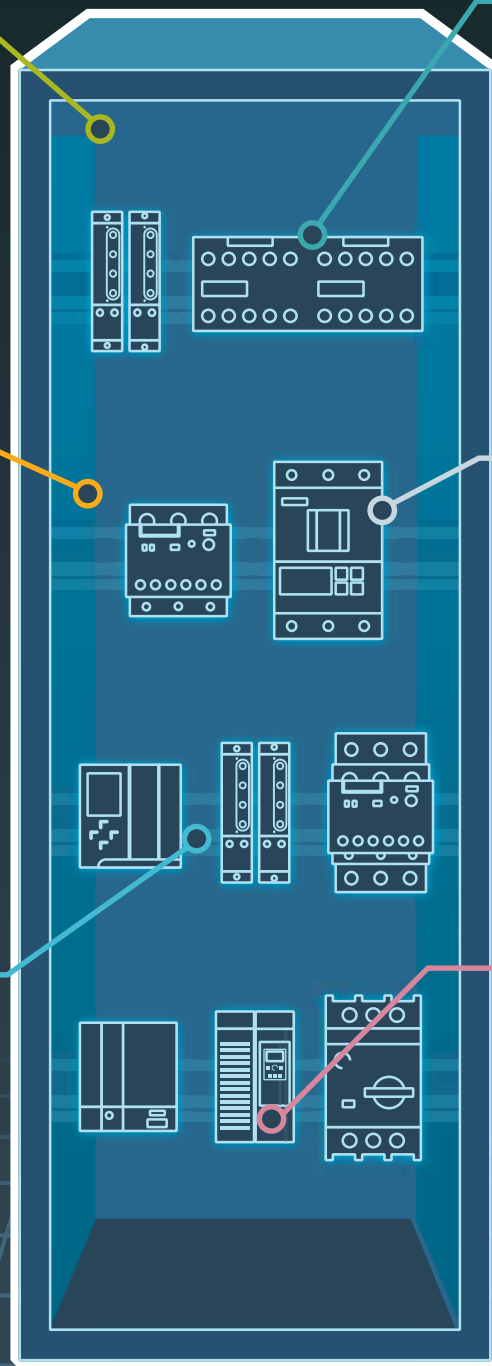


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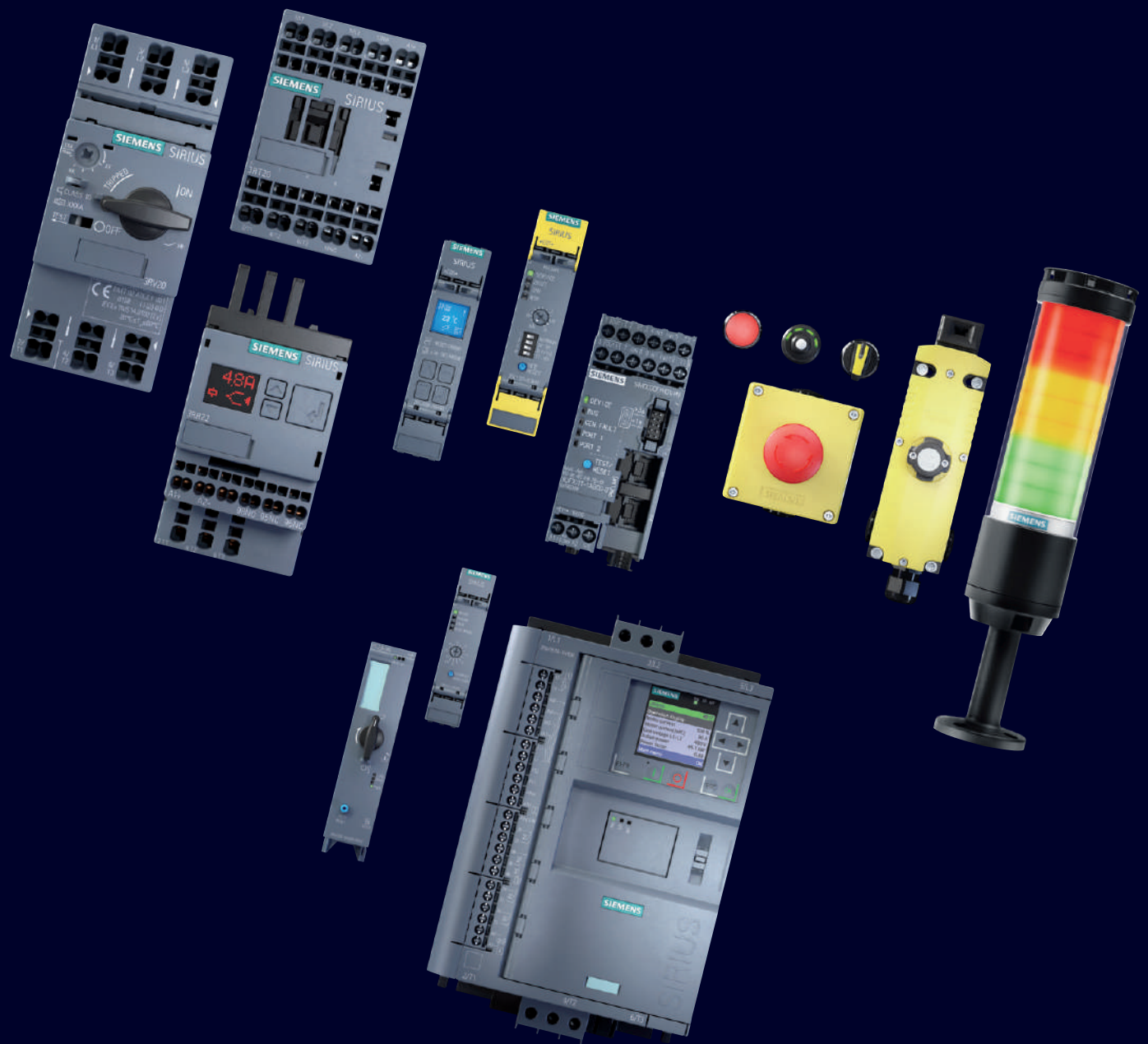
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Contactor Relays (Auxiliary Contactors)



3RH2 (S00) with “Mechanically linked contact elements”

Screw terminals

Size	Operational Current I _e AC-15 at 230V A	Contacts NO	Contacts NC	AC Coil ^{\$}			DC Coil [@]		
				Type*	Unit LP ¹⁾ ₹	Std. pkg. (nos.)	Type*	Unit LP ¹⁾ ₹	Std. pkg. (nos.)
S00	10	4	–	■ 3RH2140-1A..08K	2775.-	1	■ 3RH2140-1B..08K	3850.-	1
		3	1	■ 3RH2131-1A..08K	2775.-	1	■ 3RH2131-1B..08K	3850.-	1
		2	2	■ 3RH2122-1A..08K	2775.-	1	■ 3RH2122-1B..08K	3850.-	1

\$@ Please enter coil codes from table below

Latched Contactor Relays

Screw terminals



Operational current I _e AC-15 at 230V A	Contacts NO	Contacts NC	AC Coil ^{\$}			DC Coil [@]		
			Type	Unit LP ¹⁾ ₹	Std. pkg. (nos.)	Type	Unit LP ¹⁾ ₹	Std. pkg. (nos.)
10	4	–	3RH2440-1A..0	10155.-	1	3RH2440-1B..0	13500.-	1
	3	1	3RH2431-1A..0	10155.-	1	3RH2431-1B..0	13500.-	1
	2	2	3RH2422-1A..0	10155.-	1	3RH2422-1B..0	13500.-	1

\$@ Please enter coil codes from table below

* For ordering contactors with spring type terminals, please get in touch with sales office
For Latched Power Contactors refer 3RT accessory “Mechanical Latching Blocks” on page no. 17
Spring type terminals are not available for latched contactor relays.

Rated control supply voltages for 3RH21 & 3RH24

\$ AC coil voltage

Code	B0	■ F0	■ P0
Coil voltage 50/60 Hz	24	110	230

@ DC Coil Voltage

Code	■ B4	F4	M4
Coil voltage	24	110	220

1) For ordering contactors with other than above coil voltages, please add Rs. 360.- to the unit LP of standard contactor.
Please contact nearest sales office for other coil voltages

Contactor Relays (with Low power consumption coil)

Auxiliary Contactor - 3RH21 Coupling Relays

Screw terminals



Size	Surge Suppressor	Rated operational current Ie AC-15 at 230 V A	Auxiliary contacts		Type*	Unit LP ₹	Std. pkg. (nos.)
			NO	NC			
Rated control supply voltage Us =24 V DC , Operating range 0.7 to 1.25xUs , Power Consumption 2.8W at 24V DC							
S00	Built in Suppressor Diode	10	4	-	3RH2140-1KB40	4955.-	1
			3	1	3RH2131-1KB40	4955.-	1
			2	2	3RH2122-1KB40	4955.-	1
Rated control supply voltage Us =24 V DC , Operating range 0.85 to 1.85xUs , Power Consumption 1.6W at 24V DC							
S00	Built in Suppressor Diode	10	4	-	3RH2140-1SB40	7065.-	1
			3	1	3RH2131-1SB40	7065.-	1
			2	2	3RH2122-1SB40	7065.-	1

* For ordering contactors with spring type terminals, please replace 8th digit from ‘1’ to ‘2’

Note: 3RH21 Coupling Relays - Add-on Auxiliary contact blocks not applicable

■ Stock items

LP - List Price

Power Contactors

3RT (S00 to S12) with "Mirror contacts elements"

Screw terminals



Size	AC-3 operational current I _e upto 415V A	Motor rating at 415V, 50Hz kW	Auxiliary contacts	AC Coil [§]			DC Coil [@]		
				Type*	Unit LP ¹⁾ ₹	Std. pkg. (nos.)	Type*	Unit LP ¹⁾ ₹	Std. pkg. (nos.)
S00	7	3	1NO	■ 3RT2015-1A..18K	2255.-	1	■ 3RT2015-1B..18K	3505.-	1
			1NC	■ 3RT2015-1A..28K	2255.-	1	■ 3RT2015-1B..28K	3505.-	1
	9	4	1NO	■ 3RT2016-1A..18K	2375.-	1	■ 3RT2016-1B..18K	3810.-	1
			1NC	■ 3RT2016-1A..28K	2375.-	1	■ 3RT2016-1B..28K	3810.-	1
	12	5.5	1NO	■ 3RT2017-1A..18K	2670.-	1	■ 3RT2017-1B..18K	4410.-	1
			1NC	■ 3RT2017-1A..28K	2670.-	1	■ 3RT2017-1B..28K	4410.-	1
S0	16	7.5	1NO	■ 3RT2018-1A..18K	3170.-	1	■ 3RT2018-1B..18K	5190.-	1
			1NC	■ 3RT2018-1A..28K	3170.-	1	■ 3RT2018-1B..28K	5190.-	1
	25	11	1NO+1NC	■ 3RT2026-1A..08K	4705.-	1	■ 3RT2026-1B..08K	8160.-	1
	32	15	1NO+1NC	■ 3RT2027-1A..08K	9175.-	1	■ 3RT2027-1B..08K	16595.-	1
	38	18.5	1NO+1NC	■ 3RT2028-1A..08K	13130.-	1	■ 3RT2028-1B..08K	19720.-	1
	40	18.5	1NO+1NC	■ 3RT2028-1A..08KA0 [#]	13840.-	1	■ 3RT2028-1B..08KA0 [#]	20665.-	1

Size	AC-3 operational current I _e upto 415V A	Motor rating at 415V, 50Hz kW	Auxiliary contacts	AC Coil [§]			AC/DC Coil [€]		
				Type*	Unit LP ¹⁾ ₹	Std. pkg. (nos.)	Type*	Unit LP ¹⁾ ₹	Std. pkg. (nos.)
S2	50	22	1NO+1NC	■ 3RT2036-1A..08K	18155.-	1	■ 3RT2036-1N..08K	29140.-	1
	65	30	1NO+1NC	■ 3RT2037-1A..08K	25220.-	1	■ 3RT2037-1N..08K	33005.-	1
	80	37	1NO+1NC	■ 3RT2038-1A..08K	31375.-	1	■ 3RT2038-1N..08K	40205.-	1
S3	95	45	1NO+1NC	■ 3RT2046-1A..08K	39805.-	1	■ 3RT2046-1N..08K	49940.-	1
	110	55	1NO+1NC	■ 3RT2047-1A..08K	50890.-	1	■ 3RT2047-1N..08K	64610.-	1

Size	AC-3 operational current I _e upto 415V A	Motor rating at 415V, 50Hz kW	Auxiliary contacts **	AC Coil [§]			Auxiliary contacts	AC/DC Coils (Conventional Type) [€]		
				Type	Unit LP ₹	Std. pkg. (nos.)		Type	Unit LP ₹	Std. pkg. (nos.)
S6	115	55	—	■ 3RT1054-6C.308K	49265.-	1	2NO+2NC	■ 3RT1054-6A.368K	51620.-	1
	150	75	—	■ 3RT1055-6C.308K	61870.-	1	2NO+2NC	■ 3RT1055-6A.368K	65065.-	1
	185	90	—	■ 3RT1056-6C.308K	78380.-	1	2NO+2NC	■ 3RT1056-6A.368K	81400.-	1
S10	225	110	—	■ 3RT1064-6C.308K	83605.-	1	2NO+2NC	■ 3RT1064-6A.368K	85990.-	1
	265	132	—	■ 3RT1065-6C.308K	102220.-	1	2NO+2NC	■ 3RT1065-6A.368K	104645.-	1
	300	160	—	■ 3RT1066-6C.308K	122130.-	1	2NO+2NC	■ 3RT1066-6A.368K	125620.-	1
S12	400	200	—	■ 3RT1075-6C.308K	146760.-	1	2NO+2NC	■ 3RT1075-6A.368K	150935.-	1
	500	250	—	■ 3RT1076-6C.308K	205080.-	1	2NO+2NC	■ 3RT1076-6A.368K	208950.-	1

\$@€ Please enter coil codes from table below € available with universal operation # 40A Size S0 3RT2028 contactor is available with screw type terminals only

** Please select required Auxiliary Contact Blocks from Pg 7

* For ordering contactors with spring type terminals, please get in touch with sales office

Rated control supply voltages

(For 3RT2 Change the 10th & 11th digit and for 3RT1 Change the 10th digit of Type no.)

\$ - AC operation 50/60Hz

Contactor type	3RT20 1	3RT20 2	3RT20 3	3RT20 4	Contactor Type	3RT105,3RT106,3RT107
Size	S00	S0	S2	S3	Size	S6, S10, S12
24 V AC	B0	C2	C2	C2	110...127 V AC	F
■ 110 V AC	F0	G2	G2	G2	220...240 V AC	P
■ 230 V AC	P0	L2	L2	L2		

@ - DC operation

Contactor type	3RT20 1,3RH2	3RT20 2	3RT20 3	3RT20 4
Size	S00	S0	S2	S3
■ 24 V DC	B4	B4	—	—
110 V DC	F4	F4	—	—
220 V DC	M4	M4	—	—

€ - Universal operation (AC / DC) for 3RT2 S2, S3 and for 3RT1 S6, S10, S12

Contactor Type	3RT203...N	3RT204...N	Contactor Type	3RT1_Conventional Coil
Size	S2	S3	Size	S6, S10, S12
20...33 V AC/DC	B3	B3	110...127 V AC/DC	F
83...155 V AC/DC	F3	F3	220...240 V AC/DC	P
175...280 V AC/DC	P3	P3		

1) For ordering contactors with other than above coil voltages, please add Rs. 360.- to the unit LP of standard contactor of the same rating.

Please contact nearest sales office for other coil voltages

Note: All SIRIUS 3RT20 / 3RT10 contactors (with at least 1 NC auxiliary contact) are tested to "Mirror contacts" characteristics in conjunction with auxiliary contacts ever since the launch of product

■ Stock items

Power Contactors

3RT (S6, S10, S12) with "Mirror contacts elements" Withdrawable coils and integrated varistor in coil circuit

Contactor without operating coil (Please order coil separately)

Size	AC-3 operational current I _e upto 415V A	Motor rating at 415V, 50Hz kW	Contactor w/o Aux				Contactor with Aux			
			Auxiliary contacts**	Type	Unit LP ₹	Std. pkg. (nos.)	Auxiliary contacts	Type	Unit LP ₹	Std. pkg. (nos.)
S6	115	55	–	■ 3RT1054-6LA008K	38155.-	1	2NO+2NC	■ 3RT1054-6LA068K	40470.-	1
	150	75	–	■ 3RT1055-6LA008K	52170.-	1	2NO+2NC	■ 3RT1055-6LA068K	54055.-	1
	185	90	–	■ 3RT1056-6LA008K	67850.-	1	2NO+2NC	■ 3RT1056-6LA068K	70445.-	1
S10	225	110	–	■ 3RT1064-6LA008K	69785.-	1	2NO+2NC	■ 3RT1064-6LA068K	72470.-	1
	265	132	–	■ 3RT1065-6LA008K	87775.-	1	2NO+2NC	■ 3RT1065-6LA068K	90280.-	1
	300	160	–	■ 3RT1066-6LA008K	107560.-	1	2NO+2NC	■ 3RT1066-6LA068K	110645.-	1
S12	400	200	–	■ 3RT1075-6LA008K	121975.-	1	2NO+2NC	■ 3RT1075-6LA068K	125455.-	1
	500	250	–	■ 3RT1076-6LA008K	179400.-	1	2NO+2NC	■ 3RT1076-6LA068K	182785.-	1

**Please select the required Contact Blocks from below table

Auxiliary Contact Blocks (S6 - S12)

Size					Type	Unit LP ₹	Std. pkg. (nos.)
1 Pole Front mounted Auxiliary Contact blocks S6 - S12 (3RT1.5 ... 3RT1.7)							
S6 - S12	1	—	—	—	3RH1921-1CA10	410.-	10
	—	1	—	—	3RH1921-1CA01	410.-	10
	—	—	1	—	3RH1921-1CD10	800.-	10
	—	—	—	1	3RH1921-1CD01	800.-	10
2 Pole First Laterally mountable Auxiliary Contact blocks S6 - S12 (3RT1.5 ... 3RT1.7)							
S6 - S12	2	—	—	—	3RH1921-1EA20	1720.-	1
	1	1	—	—	3RH1921-1EA11		1
	—	2	—	—	3RH1921-1EA02		1
2 Pole Second Laterally mountable Auxiliary Contact blocks S6 - S12 (3RT1.5 ... 3RT1.7)							
S6 - S12	2	—	—	—	3RH1921-1KA20	1720.-	1
	1	1	—	—	3RH1921-1KA11		1
	—	2	—	—	3RH1921-1KA02		1



Delayed actuation

Coil

Size	AC Coil				AC/DC Conventional Coils (U _c Coils)			
	Rated control supply voltage U _c 40 to 60 Hz AC, DC V AC/DC	Type	Unit LP ₹	Std. pkg. (nos.)	Rated control supply voltage U _c 40 to 60 Hz AC, DC V AC/DC	Type	Unit LP ₹	Std. pkg. (nos.)
S6	23...26	■ 3RT1955-5CB318K	8455.-	1	23...26	■ 3RT1955-5AB318K	8700.-	1
	110...127	■ 3RT1955-5CF318K		1	110...127	■ 3RT1955-5AF318K		1
	220...240	■ 3RT1955-5CP318K		1	220...240	■ 3RT1955-5AP318K		1
	380...420	■ 3RT1955-5CV318K		1	380...420	■ 3RT1955-5AV318K		1
				1	500...550*	■ 3RT1955-5AS31		1
S10	110...127	■ 3RT1965-5CF318K	12445.-	1	23...26	■ 3RT1965-5AB31	12810.-	1
				1	110...127	■ 3RT1965-5AF318K		1
	220...240	■ 3RT1965-5CP318K		1	220...240	■ 3RT1965-5AP318K		1
	380...420	■ 3RT1965-5CV318K		1	380...420	■ 3RT1965-5AV318K		1
				1	500...550*	■ 3RT1965-5AS31		1
S12	110...127	■ 3RT1975-5CF318K	23310.-	1	23...26	■ 3RT1975-5AB31	23975.-	1
				1	110...127	■ 3RT1975-5AF318K		1
	220...240	■ 3RT1975-5CP318K		1	220...240	■ 3RT1975-5AP318K		1
				1	380...420	■ 3RT1975-5AV31		1
				1	500...550*	■ 3RT1975-5AS31		1

* Specially designed coil for mining applications offers complete operating range from 400V to 605V AC/DC

3RT2 (S0)

Size	AC-3 operational current I _e upto 415V A	Motor rating at 415V, 50Hz kW	Auxiliary contacts	AC Coil [§]			DC Coil [®]		
				Type	Unit LP ¹⁾ ₹	Std. pkg. (nos.)	Type	Unit LP ¹⁾ ₹	Std. pkg. (nos.)
3RT2 Size S0 Contactor									
S0	9	4	1NO + 1NC	■ 3RT2023-1A..08K	2900.-	1	■ 3RT2023-1B..08K	4760.-	1
	12	5.5	1NO + 1NC	■ 3RT2024-1A..08K	3250.-	1	■ 3RT2024-1B..08K	5270.-	1
	17	7.5	1NO + 1NC	■ 3RT2025-1A..08K	3785.-	1	■ 3RT2025-1B..08K	6500.-	1

§ @ Change the 10th and 11th digit of the Article No. Refer page 6 for coil codes

1) For ordering contactors (3RT2 S0) with other than coil codes mentioned in the table in Pg 6, please add Rs. 360.- to the unit LP of standard contactor of the same rating. Please contact nearest sales office for other coil voltages

■ Stock items

SIEMENS



Widest Range of Energy Efficient Contactors

When you go for Energy Efficiency improvement of your plant or a machine, just DON'T Stop at big items like Motors, HVAC etc.

Generally overlooked product like a CONTACTOR can also contribute much more, when it comes to Energy Efficiency improvement.

Explore SIRIUS Innovation Energy Efficient Contactor Portfolio

www.siemens.com/SIRIUS

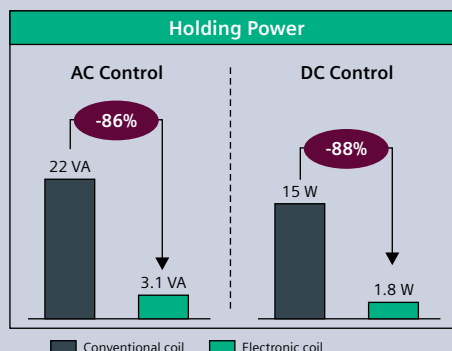
SIRIUS - Energy Efficient Contactor Portfolio (9A to 500A AC-3)

Contactor coil consumes continuous power as long as in operation



3RT20 | 95A AC-3

Typical Holding Power data comparison



Contactors with Electronic coil can be up to **88%** more Energy Efficient as compared to conventional AC or DC contactor

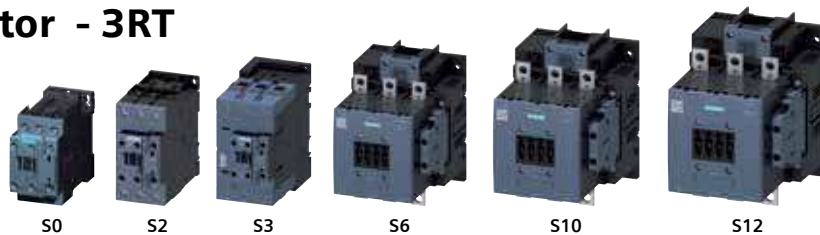
Typical Coil Consumption (Holding)

12-38A AC-3 3RT202.-1N..0			50-80A AC-3 3RT203.-1N..0			95-110A AC-3 3RT204.-1N..0		
	AC Control	DC Control		AC Control	DC Control		AC Control	DC Control
Size S0	1.9 VA	1.4 W	Size S2	2 VA	1 W	Size S3	3.1 VA	1.8 W

115-185A AC-3 3RT105.-6N.36			225-300A AC-3 3RT106.-6N.36			400-500A AC-3 3RT107.-6N.36		
	AC Control	DC Control		AC Control	DC Control		AC Control	DC Control
Size S6	3.5 VA	2.1 W	Size S10	5.5 VA	2.8 W	Size S12	5.6 VA	3 W

Energy Efficient Power Contactor - 3RT

(Electronic Coil - Universal AC/DC operation)



Screw terminals

Size	Surge Suppressor	AC-3 operational current I _e upto 415V A	Motor rating at 415V, 50Hz kW	Auxiliary contacts		Type*	Unit LP ₹	Std. pkg. (nos.)
				NO	NC			
Extended operating range 0.7 to 1.3 x U _s								
S0	Varistor integrated	9	4	1	1	3RT2023-1N..0	5870.-	1
		12	5.5	1	1	3RT2024-1N..0	6890.-	1
		17	7.5	1	1	3RT2025-1N..0	7740.-	1
		25	11	1	1	3RT2026-1N..0	10900.-	1
		32	15	1	1	3RT2027-1N..0	22320.-	1
		38	18.5	1	1	3RT2028-1N..0	25860.-	1
Extended operating range 0.8 to 1.1 x U _s								
S2	Varistor integrated	50 ... 80	22 ... 37	1	1	refer page no. 6		
S3	Varistor integrated	95 ... 110	45 ... 55	1	1	refer page no. 6		
S6-12	Varistor integrated	115 ... 500	55 ... 250	2	2	refer page no. 6 & 7		

* For ordering contactors with spring type terminals, please replace 8th digit from '1' to '2' only for size S0

Contactor type	3RT202..-1N
Size	S0
21 ... 28 V AC/DC	B3
95 ... 130 V AC/DC	F3
200 ... 280 V AC/DC	P3

Power Contactors - 3RT20 coupling relays (PLC interface relay)



Screw terminals

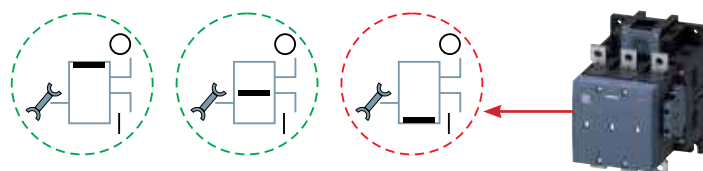
Size	Surge Suppressor	AC-3 Operational Current le upto 415V A	Rating of induction motor at 50 Hz and 415V	Auxiliary contacts		Type*	Unit LP ₹	Std. pkg. (nos.)
				NO	NC			
Rated control supply voltage Us =24 V DC, Operating range 0.7 to 1.25 x Us, Holding power consumption 2.8W at 24V DC								
S00	Built in suppressor Diode	7	3	1	–	3RT2015-1KB41	4120.-	1
				–	1	3RT2015-1KB42	4120.-	1
		9	4	1	–	3RT2016-1KB41	4685.-	1
				–	1	3RT2016-1KB42	4685.-	1
		12	5.5	1	–	3RT2017-1KB41	4830.-	1
				–	1	3RT2017-1KB42	4830.-	1
Rated control supply voltage Us =24 V DC, Operating range 0.7 to 1.25 x Us, Holding Power Consumption 4.5W at 24V DC								
S0	Varistor integrated	12	5.5	1	1	3RT2024-1KB40	5735.-	1
		17	7.5	1	1	3RT2025-1KB40	8755.-	1
		25	11	1	1	3RT2026-1KB40	10565.-	1
		32	15	1	1	3RT2027-1KB40	17880.-	1
Rated control supply voltage Us =24 V DC, Operating range 0.8 to 1.2 x Us, Holding Power Consumption 1W at 24V DC								
S2	Varistor integrated	50	22	1	1	3RT2036-1KB40	31430.-	1
		65	30	1	1	3RT2037-1KB40	35300.-	1
		80	37	1	1	3RT2038-1KB40	42095.-	1
Rated control supply voltage Us =24V DC, Operating range 0.8 to 1.2 x Us, Holding Power Consumption 0.9W at 24V DC								
S3	Varistor integrated	95	45	1	1	3RT2046-1KB40	52630.-	1

* For ordering contactors with spring type terminals, please replace 8th digit from '1' to '2' only for size S00, S0
Add-on Auxiliary contact blocks: S00: Not applicable, S0: Laterally mountable, S2/S3: Front and Laterally mountable

Vacuum Contactors - 3RT12

Benefits

- AC-3 electrical life expectancy of about 2.5 million operation
- Contacts in the tube will not weld. Arc contained, therefore no gas generated nor flash during operation
- No deration of rated current up to 1000V AC for 3RT12 and up to 690V AC for 3TF6
- Visual inspection window for inspection of contact erosion available for 3RT12



with universal coil (AC/DC) Coils, 2NO+2NC aux. contacts

Contactor size	Rated current I _e (A) AC3 upto 415V	Type [€]	Unit LP ₹	Std. pkg. (nos.)
10	225	3RT1264-6A..6	254635.-	1
10	265	3RT1265-6A..6	300785.-	1
10	300	3RT1266-6A..6	329465.-	1
12	400	3RT1275-6A..6	416550.-	1
12	500	3RT1276-6A..6	541300.-	1

[€] Coil voltage (AC/DC) - Please enter coil codes from table below

Code	B3	F3	P3	V3
Coil voltage (V)	23-26	110-127	220-240	380-420

Note: Contactors with Energy Efficient coils available on request

Vacuum Contactors - 3TF6

Size	Rated current (A) I _e AC3 upto 415V	Motor kW at 415V 50Hz, 3ph	AC 50 Hz coil				DC coil			
			Auxiliary contacts	Type Pl. fill in coil voltage code	Unit LP ₹	Std. pkg. (nos.)	Auxiliary contacts	Type Pl. fill in coil voltage code	Unit LP ₹	Std. pkg. (nos.)
14	630	355	4NO + 4NC	3TF6844-0C..	659190.-	1	3NO + 3NC	3TF6833-1D.. ¹⁾	737000.-	1
	820	450	4NO + 4NC	3TF6944-0C..	979390.-	1	3NO + 3NC	3TF6933-1D.. ¹⁾	1125700.-	1

For coil codes & foot note (1) refer page no. 35

Power Contactors - 3RT with indication of Remaining LifeTime (RLT)

Withdrawable coils and integrated surge suppressor

Benefits

- Early warning to replace contacts
- Optimum utilization of contact material
- Visual inspection of condition of contacts no longer necessary
- Reduction of operating costs
- Optimum planning of maintenance schedules
- Avoidance of unforeseen plant downtimes

Size	AC-3 Operational Current I _e upto 415 V ¹⁾ A	Motor rating at 415V, 50Hz kW	Auxiliary contacts	Rated control supply voltage U _c 40 to 60 Hz AC, DC V AC/DC	Type	Unit LP ₹	Std. pkg. (nos.)
S6	115	55	1NO+1NC	96...127	3RT1054-1PF35	78925.-	1
			1NO+1NC	220...277	3RT1054-1PP35	78925.-	
	150	75	1NO+1NC	96...127	3RT1055-6PF35	92060.-	1
			1NO+1NC	220...277	3RT1055-6PP35	92060.-	
	185	90	1NO+1NC	96...127	3RT1056-6PF35	108770.-	1
			1NO+1NC	220...277	3RT1056-6PP35	108770.-	
S10	225	110	1NO+1NC	96...127	3RT1064-6PF35	114125.-	1
			1NO+1NC	220...277	3RT1064-6PP35	114125.-	
	265	132	1NO+1NC	96...127	3RT1065-6PF35	135170.-	1
			1NO+1NC	220...277	3RT1065-6PP35	135170.-	
	300	160	1NO+1NC	96...127	3RT1066-6PF35	158250.-	1
			1NO+1NC	220...277	3RT1066-6PP35	158250.-	
S12	400	200	1NO+1NC	96...127	3RT1075-6PF35	179185.-	1
			1NO+1NC	220...277	3RT1075-6PP35	179185.-	
	500	250	1NO+1NC	96...127	3RT1076-6PF35	265550.-	1
			1NO+1NC	220...277	3RT1076-6PP35	265550.-	

1) For size S6 to S12 size contactors, operating current I_e is valid up to 500V



LEDs on the contactor

LED-Displays	new	60%	40%	20%
green	RLT	RLT	RLT	RLT
green	60%	60%	60%	60%
orange	40%	40%	40%	40%
red	20%	20%	20%	20%
	OReset	OReset	OReset	OReset

RLT contactor



3 Pole AC1 Duty Contactors



Size	AC-1 operational current I _e upto 690V A	AC Coil [§]			AC/DC Coil [€]		
		Type	Unit LP ₹	Std. pkg. (nos.)	Type	Unit LP ₹	Std. pkg. (nos.)
S3	140	3RT2446-1A..0	37595.-	1	3RT2446-1N..0	47780.-	1

Size	AC-1 operational current I _e upto 690V A	Auxiliary Contacts	Type [€]	Unit LP ₹	Std. pkg. (nos.)
S6	275	2NO+2NC	3RT1456-6A..68K	92825.-	1
S10	400	2NO+2NC	3RT1466-6A..68K	126620.-	1
S12	690	2NO+2NC	3RT1476-6A..68K	262650.-	1

4 Pole Power Contactors

With 4NO main contacts



Contactor size	Rated current I _e (A) AC1, 415V	Auxiliary Contacts		AC Coil [§]			DC Coil [®]		
		NO	NC	Type	Unit LP ₹	Std. pkg. (nos.)	Type	Unit LP ₹	Std. pkg. (nos.)
S00	18	–	–	3RT2316-1A..0	4565.-	1	3RT2316-1B..0	7405.-	1
	22	–	–	3RT2317-1A..0	4725.-	1	3RT2317-1B..0	7890.-	1
S0	35	1	1	3RT2325-1A..0	5270.-	1	3RT2325-1B..0	9440.-	1
	40	1	1	3RT2326-1A..0	8180.-	1	3RT2326-1B..0	14545.-	1
	50	1	1	3RT2327-1A..0	9895.-	1	3RT2327-1B..0	18530.-	1
S2	60	1	1	3RT2336-1A..0	21805.-	1	3RT2336-1N..0 [€]	27080.-	1
	110	1	1	3RT2337-1A..0	36505.-	1	3RT2337-1N..0 [€]	40870.-	1
S3	140	1	1	3RT2346-1A..0	40595.-	1	3RT2346-1N..0 [€]	52480.-	1
	160	1	1	3RT2348-1A..0	47075.-	1	3RT2348-1N..0 [€]	55790.-	1

With 4NO main contacts



Size	AC-1 operational current I _e upto 690V A	Auxiliary Contacts	Type [€]	Unit LP ₹	Std. pkg. (nos.)
S6	200	2NO+2NC	3RT1355-6A..6	79775.-	1
S10	275	2NO+2NC	3RT1363-6A..6	117960.-	1
	350	2NO+2NC	3RT1364-6A..6	151570.-	1
S12	400	2NO+2NC	3RT1373-6A..6	175775.-	1
	500	2NO+2NC	3RT1374-6A..6	212920.-	1
	525	2NO+2NC	3RT1375-6A..6	237565.-	1

With 2NO+2NC main contacts



size	AC-1 operational current I _e upto 415V A	Auxiliary Contacts		AC Coil [§]			DC Coil [®]		
		NO	NC	Type	Unit LP ₹	Std. pkg. (nos.)	Type	Unit LP ₹	Std. pkg. (nos.)
S00	18	–	–	3RT2516-1A..0	4830.-	1	3RT2516-1B..0	6290.-	1
	22	–	–	3RT2517-1A..0	5680.-	1	3RT2517-1B..0	9270.-	1
S0	40	1	1	3RT2526-1A..0	9555.-	1	3RT2526-1B..0	17280.-	1
S2	60	1	1	3RT2535-1A..0	25075.-	1	3RT2535-1N..0 [€]	32730.-	1
	70	1	1	3RT2536-1A..0	32350.-	1	3RT2536-1N..0 [€]	37145.-	1
S3	100	1	1	3RT2544-1A..0	36245.-	1	3RT2544-1N..0 [€]	42830.-	1
	125	1	1	3RT2545-1A..0	40365.-	1	3RT2545-1N..0 [€]	50850.-	1

Rated control supply voltage (Change of the 10th and 11th digit of the Article No.)

\$ - AC operation

Contactor type	3RT23, 3RT25	3RT24
Size	S00 (50/60Hz), S0, S2, S3 (50 Hz)	S3 (50/60Hz)
24 V AC	B0	C2
110 V AC	F0	G2
230 V AC	P0	L2

@ - DC operation

Contactor type	3RT23, 3RT25
Size	S00, S0
24 V DC	B4
110 V DC	F4
220 V DC	M4

€ - Universal operation AC / DC

Contactor type	3RT23, 3RT25, 3RT24
Size	S2, S3
20 ... 33	B3
175 ... 280	P3

Contactor Type	3RT13
Size	S6, S10, S12
24 ... 60	E3
48 ... 130	F3
100 ... 250	P3
250 ... 500	R3

Contactor type	3RT 14
Size	S6, S10, S12
20 ... 26	B3
110 ... 127	F3
220 ... 240	P3



SIRIUS 3RT14, 3-pole Large Contactors for high currents

www.siemens.com/SIRIUS

Type*	Rating data		Lateral Auxiliary Contacts		Rated control supply voltage U	
	Operating Current I_e (A) AC1	Rated voltage U_e	NO	NC	V (AC 50/60 Hz)	V (DC)
3RT1481-6AF36 3RT1481-6AP36	900A	1000V	2	2	100...127 200...240	100...110 200...220
3RT1482-6AF36 3RT1482-6AP36	1050A	1000V	2	2	100...127 200...240	100...110 200...220
3RT1483-6AP36	1260A	1000V	2	2	100...240	100...220
3RT1485-6AP36	1700A	1000V	2	2	100...240	100...220
3RT1486-6AP36	2100A	1000V	2	2	100...240	100...220
3RT1487-6AP36	2650A	1000V	2	2	100...240	100...220

*Price on request

The world's first contactor with maximum benefits in safety applications!

SIRIUS Innovation contactors from size S2 to S12 (22kW to 250kW) has been now expanded to include versions suitable for direct control from fail-safe controllers and safety relays which is first of its kind in the market.

This makes it possible to attain SIL 2 and/or PL c with just one contactor and SIL 3 and/or PL e with two contactors in series according to IEC 62061 and ISO 13849-1

www.siemens.com/SIRIUS



Advantages at a glance

01

Digital input directly on board

First contactor with certified, digital input for activation from fail-safe or standard controllers

02

Time & Cost saving

Reduced wiring and configuration efforts
Cost optimization of additional coupling level

03

Maximum Safety level

Certified inputs enables devices to be used up to the highest safety level (SIL 3 / PLe)

04

Everything from single source

Complements safety solutions offered by the SIRIUS modular system

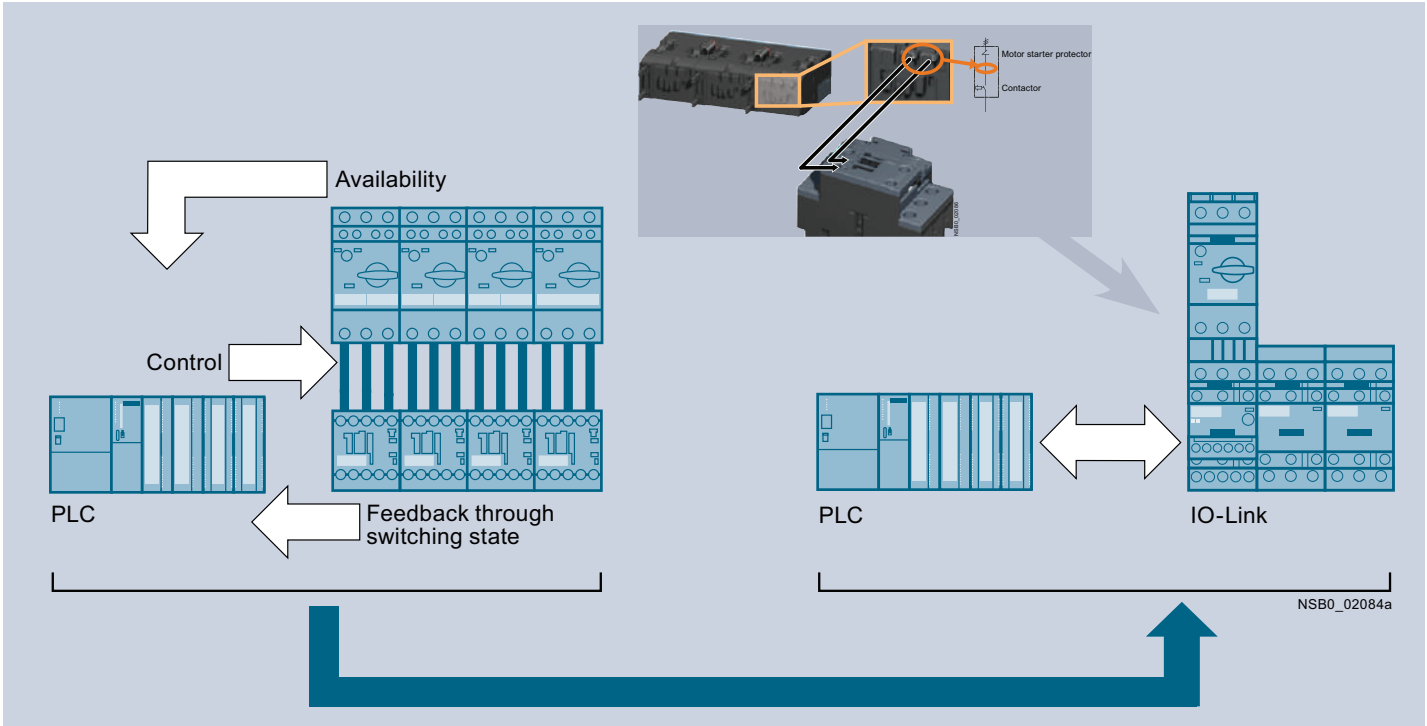


SIRIUS Innovation Contactors with fail-safe input

Size	AC-3 operational current I _e upto 415V A	Motor rating at 415V, 50Hz kW	Permanently Mounted Auxiliary Contacts	Rated control supply voltages U _s AC/DC	Type	Unit LP ₹	Std Pkg. (nos.)
S6	115	55	2NO+2NC	96...127	3RT1054-6SF36-3PA0	72835.-	1
				220...227	3RT1054-6SP36-3PA0	72835.-	
	150	75	2NO+2NC	96...127	3RT1055-6SF36-3PA0	88850.-	1
				220...227	3RT1055-6SP36-3PA0	88850.-	
	185	90	2NO+2NC	96...127	3RT1056-6SF36-3PA0	104405.-	1
				220...227	3RT1056-6SP36-3PA0	104405.-	
S10	225	110	2NO+2NC	96...127	3RT1064-6SF36-3PA0	113615.-	1
				220...227	3RT1064-6SP36-3PA0	113615.-	
	265	132	2NO+2NC	96...127	3RT1065-6SF36-3PA0	136040.-	1
				220...227	3RT1065-6SP36-3PA0	136040.-	
	300	160	2NO+2NC	96...127	3RT1066-6SF36-3PA0	157920.-	1
				220...227	3RT1066-6SP36-3PA0	157920.-	
S12	400	200	2NO+2NC	96...127	3RT1075-6SF36-3PA0	181910.-	1
				220...227	3RT1075-6SP36-3PA0	181910.-	
	500	250	2NO+2NC	96...127	3RT1076-6SF36-3PA0	259910.-	1
				220...227	3RT1076-6SP36-3PA0	259910.-	

For S2 and S3 Contactors please get in touch with your nearest sales office

Communication capable Power Contactors



Rated control supply voltage $U_s = 24\text{ V DC}$
Screw terminals



Size	AC-3 Operational Current I_e upto 415V A	Motor rating at 415V, 50 Hz kW	Auxiliary contacts	Type*	Unit LP ₹	Std. pkg. (nos.)
S00	7	3	1NO	3RT2015-1BB41-0CC0	4355.-	1
			1NC	3RT2015-1BB42-0CC0		
	9	4	1NO	3RT2016-1BB41-0CC0	4745.-	1
			1NC	3RT2016-1BB42-0CC0		
	12	5.5	1NO	3RT2017-1BB41-0CC0	5455.-	1
			1NC	3RT2017-1BB42-0CC0		
S0	16	7.5	1NO	3RT2018-1BB41-0CC0	6455.-	1
			1NC	3RT2018-1BB42-0CC0		
	9	4	1NO + 1NC	3RT2023-1BB40-0CC0	5780.-	1
	12	5.5	1NO + 1NC	3RT2024-1BB40-0CC0	6350.-	1
	17	7.5	1NO + 1NC	3RT2025-1BB40-0CC0	8900.-	1
	25	11	1NO + 1NC	3RT2026-1BB40-0CC0	10760.-	1
	32	15	1NO + 1NC	3RT2027-1BB40-0CC0	18000.-	1
	38	18.5	1NO + 1NC	3RT2028-1BB40-0CC0	24875.-	1

*For ordering contactors with spring type terminals, please replace 8th digit from '1' to '2' for S00, S0
€ - Universal operation 20...33V AC / DC

Solid state switching devices - 3RF NEW

Solid state contactless switching for application requiring frequent switching

- Compact 22.5mm design with built in LED & finger touch proof Protection
- Compact and space-saving design
- Sustainable product design (EcoTech-certified)

- Main voltage 48-600V AC
- Control voltage 4-30V DC
- Blocking voltage 1200V
- Zero point switching

Rated current AC51 (max)	Type	Unit LP ₹	Std. pkg. (kits)
25	3RF3125-1AA45 \$	LP on request	1
50	3RF3150-1AA45 \$	LP on request	1
90	3RF3190-1AA45 \$	LP on request	1

\$ To be used along with suitable heatsink.

Contact your nearest Siemens partner to know more about

- 3RF30 solid state relays with 45mm design for resistive loads
- 3RF33 single phase solid state contactors with integrated heatsink for resistive/inductive loads
- 3RF34 three phase solid state contactors with an insulated enclosure and optimized heat sink for resistor loads
- Add on function modules to achieve extended functionality (for 3RF31, 3RF30, 3RF33)



Accessories for 3RH2 & 3RT2 Contactors (S00 / S0 / S2 / S3)

Auxiliary Contact Blocks (S00 / S0 / S2 / S3)

for snapping onto the front

For	NO	NC	Type*	Unit LP ₹	Std. pkg. (nos.)
S00 / S0 / S2 / S3	1	—	3RH2911-1HA10	530.-	1
	—	1	3RH2911-1HA01		1
	2	—	3RH2911-1HA20	745.-	1
	1	1	3RH2911-1HA11		1
	—	2	3RH2911-1HA02		1
	2	2	3RH2911-1HA22	1325.-	1
	3	1	3RH2911-1HA31		1
	4	—	3RH2911-1FA40		1

* For ordering auxiliary contact blocks with Spring type terminals, please replace 8th digit from '1' to '2'

Laterally mountable auxiliary contact blocks on left and / or right

For	NO	NC	Type* ¹⁾	Unit LP ₹	Std. pkg. (nos.)
S00 / S0 / S2 / S3	—	2	3RH2921-1DA02	1585.-	1
	1	1	3RH2921-1DA11		1
	2	—	3RH2921-1DA20		1

* For ordering auxiliary contact blocks with Spring type terminals, please replace 8th digit from '1' to '2'

1) Only left side mounting possible for 3RH2 contactor relays



Accessories for 3 Pole 3RT1 Contactors (S6 - S12)

Auxiliary Contact Blocks (S6 - S12)

Size	 NO	 NC	 #NO	 #NC	Type	Unit LP ₹	Std. pkg. (nos.)
1 Pole Front mounted Auxiliary Contact blocks S6 - S12 (3RT1.5 ... 3RT1.7)							
S6 - S12	1	—	—	—	3RH1921-1CA10	410.-	10
	—	1	—	—	3RH1921-1CA01		10
	—	—	1	—	3RH1921-1CD10	800.-	10
	—	—	—	1	3RH1921-1CD01		10
2 Pole First Laterally mountable Auxiliary Contact blocks S6 - S12 (3RT1.5 ... 3RT1.7)							
S6 - S12	2	—	—	—	3RH1921-1EA20	1720.-	1
	1	1	—	—	3RH1921-1EA11		1
	—	2	—	—	3RH1921-1EA02		1
2 Pole Second Laterally mountable Auxiliary Contact blocks S6 - S12 (3RT1.5 ... 3RT1.7)							
S6 - S12	2	—	—	—	3RH1921-1KA20	1720.-	1
	1	1	—	—	3RH1921-1KA11		1
	—	2	—	—	3RH1921-1KA02		1

Delayed actuation



Accessories for 3RT2 and 3RH2 Contactors (S00, S0, S2, S3)

Surge suppressors

Screw and spring terminals

Size	For Contactor	Version	AC Operation	DC Operation	Type	Unit LP ₹	Std. pkg. (nos.)
			Rated control supply voltage (U _s)				
			V AC	V DC			
for 3RH2 & 3RT2 Size S00							
S00	3RT2.1 & 3RH2.	Varistors (with LED)	24 ... 48	12 ...24	■ 3RT2916-1JJ00	1220.-	1
			48 ... 127	24 ... 70	■ 3RT2916-1JK00		1
			127 ... 240	70 ... 150	■ 3RT2916-1JL00		1
			--	150 ... 250	3RT2916-1JP00		1
		RC Elements	24 ... 48	24 ... 70	3RT2916-1CB00		1
			48 ... 127	70 ... 150	3RT2916-1CC00		1
			127 ... 240	150 ... 250	3RT2916-1CD00		1
			Diode assemblies	--	12 ...250		3RT2916-1EH00
		Diode with LED	--	24 ... 70	3RT2916-1LM00		1
Additional load modules	180 ... 255	--	3RT2916-1GA00	1			
for 3RT2 Size S0							
S0	3RT2.2	Varistors	24 ... 48	24 ... 70	■ 3RT2926-1BB00	1600.-	1
			48 ... 127	70 ... 150	■ 3RT2926-1BC00		1
			127 ... 240	150 ... 250	■ 3RT2926-1BD00		1
			240 ... 400	--	■ 3RT2926-1BE00		1
		RC Elements	24 ... 48	24 ... 70	3RT2926-1CB00		1
			48 ... 127	70 ... 150	3RT2926-1CC00		1
			127 ... 240	150 ... 250	3RT2926-1CD00		1
			240 ... 400	--	3RT2926-1CE00		1
		Diode assemblies	--	24	3RT2926-1ER00		1
			--	30 ... 250	3RT2926-1ES00		1
		Varistor with LED	127 ... 240	70 ... 150	3RT2926-1JL00		1
		for 3RT2 Size S2 & S3					
S2, S3	3RT2.3 3RT2.4	Varistors ¹⁾	24 ... 48	--	■ 3RT2936-1BB00	1885.-	1
			48 ... 127	--	■ 3RT2936-1BC00		1
			127 ... 240	--	■ 3RT2936-1BD00		1
			240 ... 400	--	■ 3RT2936-1BE00		1
			400 ... 600	--	3RT2936-1BF00		1
		Diode assemblies	--	24	3RT2936-1ER00		1
			--	30 ... 250	3RT2936-1ES00		1
		Varistors with LED	127... 240	70 ... 150	3RT2936-1JL00		1
		for 3RT2 Size S2 - RC Element					
S2	3RT2.3	RC Elements	24 ... 48	24 ... 70	3RT2936-1CB00	1885.-	1
			48 ... 127	70 ... 150	3RT2936-1CC00		1
			127 ... 240	150 ... 250	3RT2936-1CD00		1
			240 ... 400	--	3RT2936-1CE00		1
for 3RT2 Size S3 - RC Element							
S3	3RT2.4	RC Elements	24 ... 48	24 ... 70	3RT2946-1CB00	1885.-	1
			48 ... 127	70 ... 150	3RT2946-1CC00		1
			127 ... 240	150 ... 250	3RT2946-1CD00		1
			240 ... 400	--	3RT2946-1CE00		1

1) In 3RT2 universal coil varistor is in-built

Sealable Covers

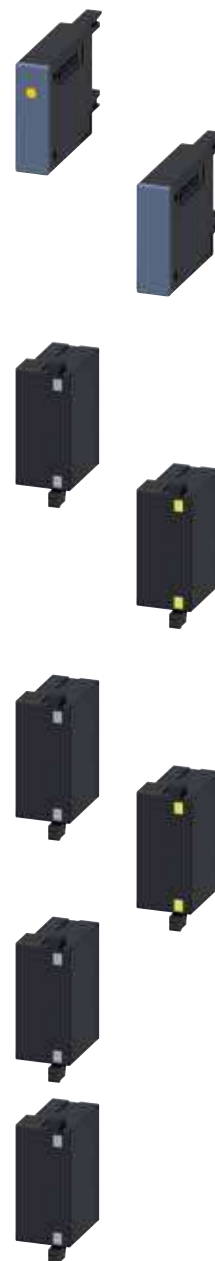
Size	For Contactor	Type	Unit LP ₹	Std. pkg. (nos.)
S00, S0, S2, S3	3RT2 & 3RH2®	3RT2916-4MA10	385.-	1 pack = 5 units

® Exception: Contactors and contactor relays auxiliary switch block mounted onto the front

Safety main current connectors for 2 contactors

Size	For Contactor	Type	Unit LP ₹	Std. pkg. (nos.)
S00	3RT2	3RA2916-1A	2495.-	1
S0		3RA2926-1A		1
S2		3RA2936-1A		1

■ Stock items



Accessories for 3RT2 and 3RH2 Contactors (S00, S0, S2, S3)

Coil terminal modules for S0, S2, S3

Size	For Contactor	Type	Unit LP ₹	Std. pkg. (nos.)
Connection from top	3RT2	3RT2926-4RA11	695.-	1
Connection from below		3RT2926-4RB11		1
Connection diagonally		3RT2926-4RC11		1



Coupling links for control by PLC

for mounting onto the coil terminals of the contactors

Size	For Contactor	Mounting	Type	Unit LP ₹	Std. pkg. (nos.)
S0	3RT2.2	onto the coil terminals of the contactors	3RH2924-1GP11	3745.-	1
S00, S0, S2, S3	3RT2	onto the contactors	3RH2914-1GP11	3820.-	1



LED modules for indicating the contactor function

Size	For Contactor	Type	Unit LP ₹	Std. pkg. (nos.)
S00 - S3	3RT2	3RT2926-1QT00	1270.-	1 pack = 5 units



Links for paralleling

Size	For Contactor	Version	Max. Conductor cross-sections mm ²	Type	Unit LP ₹	Std. pkg. (nos.)
S00	3RT20 1	3-Pole with connection terminal	25 (stranded)	3RT1916-4BB31	850.-	1
S0	3RT20 2		50 (stranded)	3RT2926-4BB31	1445.-	1
S2	3RT20 3		120 (stranded)	3RT1936-4BB31	1700.-	1
S3	3RT20 4		185 (stranded)	3RT1946-4BB31	4655.-	1
S00	3RT23 1 & 3RT25 1	4-Pole with connection terminal	25 (stranded)	3RT1916-4BB41	1285.-	1



Screw adapters for easy screw fixing

2 units required per contactor

Size	Type	Unit LP ₹	Std. pkg. (nos.)
S0	3RT1926-4P	60.-	1 pack = 10 units



OFF-Delay Devices

Size	Rated control supply voltage U _s V	Type	Unit LP ₹	Std. pkg. (nos.)
3RT2. 1, 3RT2. 2, 3RH2. ...-1BF40	110 AC/DC	3RT2916-2BK01	8500.-	1
3RT2. 1, 3RT2. 2, 3RH2. ...-1BM40	220 / 230 AC/DC	3RT2916-2BL01		1
3RT2. 1, 3RT2. 2, 3RH2. ...-1BB40	24 DC	3RT2916-2BE01		1



Mechanical latching blocks

Size	For Contactor	Rated control supply voltage U _s V	Type	Unit LP ₹	Std. pkg. (nos.)
S0	3RT2.2	24 AC/DC	3RT2926-3AB31	5400.-	1
		110 AC/DC	3RT2926-3AF31		1
		230 AC/DC	3RT2926-3AP31		1



Accessories for 3RT2 and 3RH2 Contactors (S00, S0, S2, S3)



Solid state timer block

for snapping onto the front (S00, S0, S2, S3)

Function	For contactors	Auxiliary contacts	Rated control supply voltage U _s 50/60 Hz V	Time setting range t Sec	Type*	Unit LP ₹	Std. pkg. (nos.)
On-Delay (Varistor integrated)	3RT2 3RH21 3RH24	1CO	24 ... 240 VAC/DC	0.05 ... 100	3RA2813-1AW10	8555.-	1
		1NO + 1NC			3RA2813-1FW10		1
OFF-Delay <u>without</u> auxiliary voltage (Varistor integrated)		1CO	24 ... 240 VAC/DC	0.05 ... 100	3RA2815-1AW10	10200.-	1
		1NO + 1NC			3RA2815-1FW10		1
OFF-Delay <u>with</u> auxiliary voltage (Varistor integrated)		1CO	24 ... 240 VAC/DC	0.05 ... 100	3RA2814-1AW10	11605.-	1
		1NO + 1NC			3RA2814-1FW10		1

Solid state timer block with semiconductor output

for snapping onto the front (S00, S0)

Function	For contactors [#]	Auxiliary contacts	Rated control supply voltage U_c 50/60 Hz V	Time setting range t Sec	Type*	Unit LP ₹	Std. pkg. (nos.)
On-Delay (Varistor integrated)	3RT2 3RH21 3RH24	—	24 ... 240 VAC/DC	0.05 ... 100	3RA2811-1CW10	9300.-	1
OFF-Delay with auxiliary voltage		—	24 ... 240 VAC/DC	0.05 ... 100	3RA2812-1DW10	10960.-	1

Cannot be fitted onto coupling relays.

Also available for 3RT2 S2 & S3 on request

Version	SIRIUS function modules		SIRIUS function modules for IO-Link	
	A	Unit LP ₹	B	Unit LP ₹
Direct on line starting (S00, S0, S2, S3)	*Pls refer above table for type reference (Solid state timer block with semiconductor output)		3RA2711-1AA00*	9985.-
Reversing starting (S00, S0, S2, S3)	for complete feeder refer page no. 23-24		3RA2711-1BA00*	18830.-
Star delta starting (S00, S0, S2, S3)	3RA2816-0EW20	17680.-	3RA2711-1CA00*	29135.-

*For ordering with spring type terminals, please replace 8th digit from '1' to '2'

Accessories for 3 Pole, 3RT2 & 3RT1 Contactors

Surge Suppressor for 3Pole 3RT1 (S6..S12)

Size	Version	AC Operation	DC Operation	Type	Unit LP ₹	Std. pkg. (nos.)
		Rated control supply voltage (U ₂)				
		V AC	V DC			
S6, S10, S12	RC Elements*	24 ... 48	24 ... 70	3RT1956-1CB00	3305.-	1
		48 ... 127	70 ... 150	3RT1956-1CC00		1
		127 ... 240	150 ... 250	3RT1956-1CD00		1
		240 ... 400	–	3RT1956-1CE00		1
		400 ... 600	–	3RT1956-1CF00		1



Contactors coils (Size S6 to S12) comes with in-built varistor

* for connecting to with-drawable coils with screw terminal type connection

Box terminal blocks

Size	For Contactor	Version	Type	Unit LP ₹	Std. pkg. (nos.)
S6	3RT105	For round and ribbon cables (Upto 70 mm ²)	3RT1955-4G	3180.-	1
		For round and ribbon cables (Upto 120 mm ²)	3RT1956-4G	4500.-	1
		Auxiliary conductor connection for box terminals	3TX7500-0A	1925.-	1
S10 / S12	3RT106 & 3RT107	Upto 240 mm ² with auxiliary conductor connection	3RT1966-4G	12725.-	1



Covers

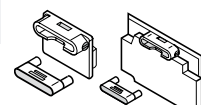
Terminal covers for box terminals

Size	For Contactor	Version	Type	Unit LP ₹	Std. pkg. (nos.)
S3	3RT204	3 Pole	3RT2946-4EA2	1045.-	1
S6	3RT105	Length of 25 mm	3RT1956-4EA2	1700.-	1
S10 / S12	3RT106 & 3RT107	Length of 30 mm	3RT1966-4EA2	2990.-	1
Terminal covers for cable lugs and busbar connection					
S3	3RT204	Length of 55 mm	3RT1946-4EA1	1520.-	1
S6	3RT105	Length of 100 mm	3RT1956-4EA1	2905.-	1
S10 / S12	3RT106 & 3RT107	Length of 120 mm	3RT1966-4EA1	3820.-	1
Busbar cover between contactor and 3RB2 overload relay or wiring module for contactor assemblies					
S10 / S12	3RT106 & 3RT107	Length of 42 mm	3RT1966-4EA3	2545.-	1
For busbar cover of the flat line connectors for reversing and wye-delta assemblies					
S6	3RT105	Length of 38 mm	3RT1956-4EA4	2345.-	1



Sealable Covers

Size	For Contactor	Type	Unit LP ₹	Std. pkg. (nos.)
S6, S10, S12	3RT105, 3RT106 & 3RT107	3RT1926-4MA10	175.-	1 pack = 5 units



Accessories for 3 Pole, 3RT2 & 3RT1 Contactors

Links for paralleling

Size	For Contactor	Version	Type	Unit LP ₹	Std. pkg. (nos.)
S3	3RT204	3-Pole with through hole (Star Jumpers)	3RT1946-4BB31	4655.-	1
S6	3RT1		3RT1956-4BA31	2545.-	1
S10 / S12	3RT1		3RT1966-4BA31	3385.-	1



Accessories for 3RT12

Description	Type	Unit LP ₹	Std. pkg. (nos.)
Line voltage surge suppressors			
upto 690V AC	3RT1966-1PV3	15215.-	1
upto 1000V AC	3RT1966-1PV4	22230.-	1
Auxiliary contact blocks			
second, 2NO	3RH1921-1KA20	1720.-	1
second, 1NO+1NC	3RH1921-1KA11		1
second, 2NC	3RH1921-1KA02		1
Mechanical interlock mechanism	3RA1954-2A	4860.-	1
Coil surge suppressor			
RC element, for 110V-127V coil	3RT1956-1CC00	3305.-	1
RC element, for 220V-240V coil	3RT1956-1CD00		1

Accessories for 4 Pole Contactor - 3RT23 / 3RT13

Mechanical interlock for 3RT23

Contactor size	Type	Description	Unit LP ₹	Std. pkg. (nos.)
S00-S00	3RA2912-2H	Mechanical interlock & 2 Connecting Clips	845.-	1
S0-S0	3RA2922-2H	Mechanical interlock & 2 Connecting Clips	845.-	1
S2-S2 ¹⁾	3RA2934-2B	Mechanical interlock	960.-	1
	3RA2932-2G	2x Connecting Clips	470.-	10
S3-S3 ¹⁾	3RA2934-2B	Mechanical interlock	960.-	1
	3RA2942-2G	2x Connecting Clips	540.-	10

1) for 3RT23 S2 & S3 reversing combination both Mechanical interlock & 2x Connecting Clips need to be ordered

Mechanical interlock for 3RT13

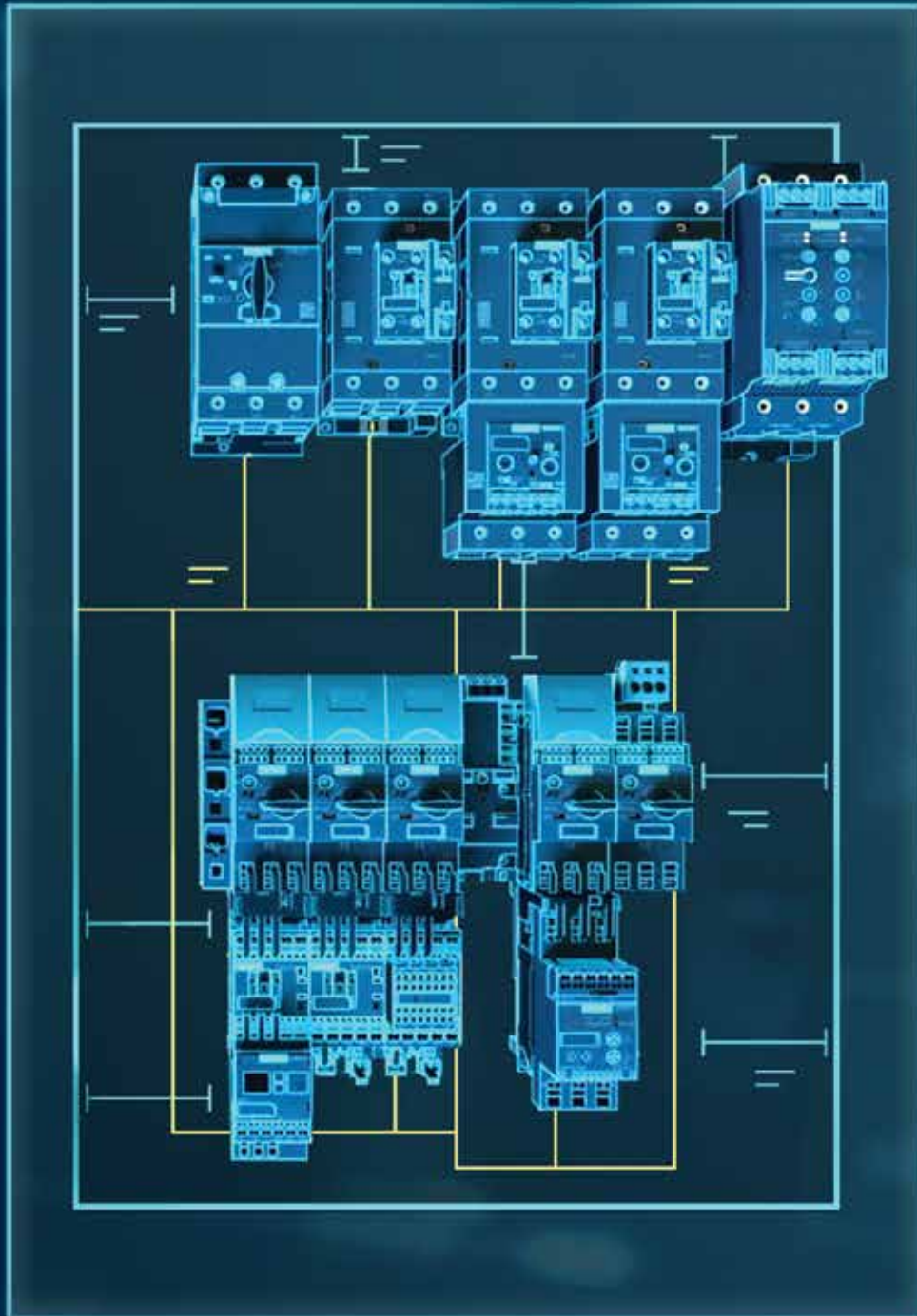
Contactor size	Type	Description	Unit LP ₹	Std. pkg. (nos.)
S6-S6	3RA1954-3A	Mechanical interlock for 3RT13	4860.-	1
S10-S10				
S12-S12				

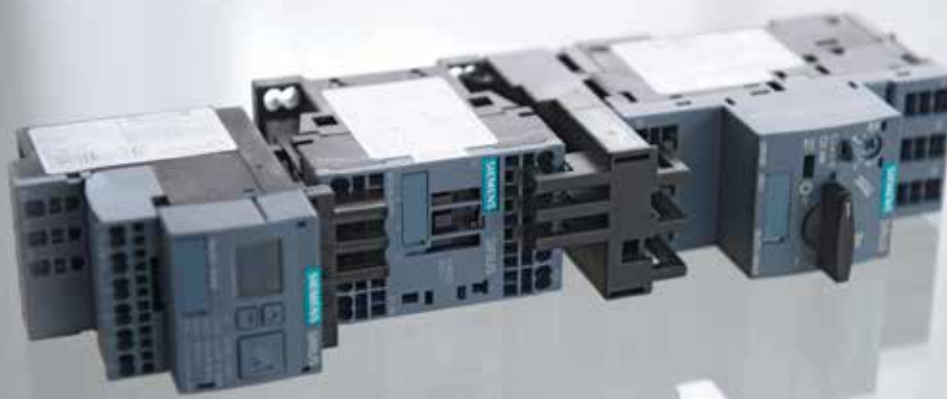
Terminal Covers for 3RT13

Contactor size	Type	Description	Unit LP ₹	Std. pkg. (nos.)
S6	3RT1956-4EB10	for 3RT135..	4290.-	1
S10	3RT1966-4EB10	for 3RT136..		
S12	3RT1976-4EB10	for 3RT13..		



Save up to 30%
more space using compact
switching devices



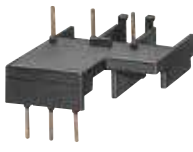
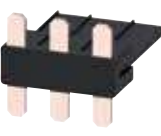


3RA Load Feeders



Direct On-Line Starters

For snapping onto standard mounting rails or for screw mounting

Size of MPCB / contactor	MPCB	+	Contactor	+	Link module	+	Standard mounting rail adaptor	Final Assembled Unit
S00 / S00		+	 3RT2 AC and DC coil	+	 3RA1921-1DA00	+	Not required	
(S00, S0) / S0		+	 3RT2 AC coil DC coil	+	 3RA2921-1AA00 3RA2921-1BA00	+	Not required	
S2 / S2		+	 3RT2 AC and DC coil	+	 3RA2931-1AA00	+	 3RA2932-1AA00 (Optional)	
S3 / S3		+	 3RT2 AC and DC coil	+	 3RA1941-1AA00	+	 3RA2942-1AA00	

Link modules, single-unit packaging – For mechanical and electrical connection between contactor and motor protection circuit-breaker with screw terminals

Method of operation	Size of contactor	Size of MPCB	Type	Unit LP ₹	Std. pkg. (nos.)
AC/DC	S00	S00	3RA1921-1DA00	895.-	1
	S2	S2	3RA2931-1AA00	2950.-	1
	S3	S3	3RA1941-1AA00	3025.-	1
AC	S0	S00/S0	3RA2921-1AA00	895.-	1
DC	S0	S00/S0	3RA2921-1BA00	895.-	1

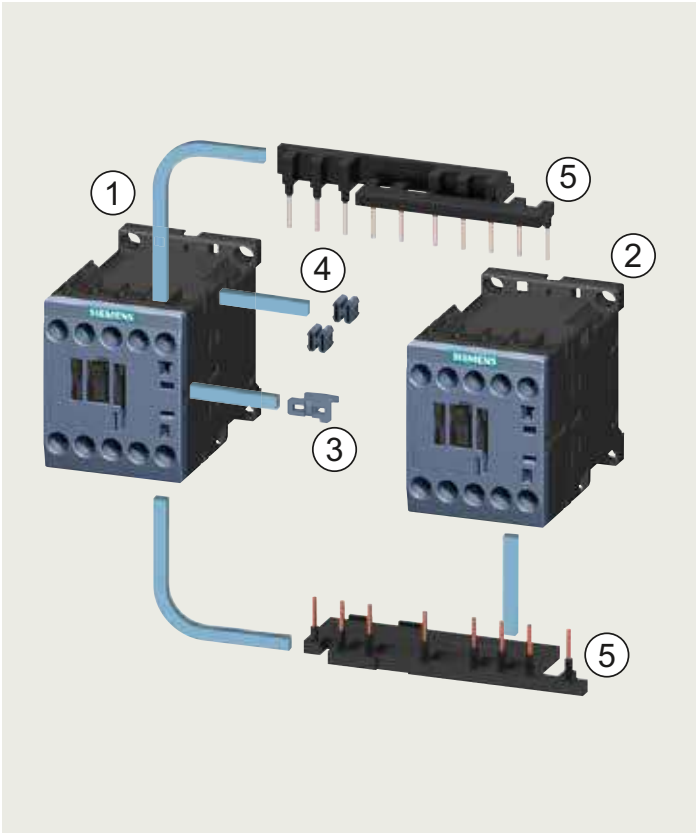
Standard mounting rail adaptor

Size of MPCB	Size of contactor	Type	Unit LP ₹	Std. pkg. (nos.)
S2	S2	3RA2932-1AA00	3065.-	1
S3	S3	3RA2942-1AA00	4200.-	1

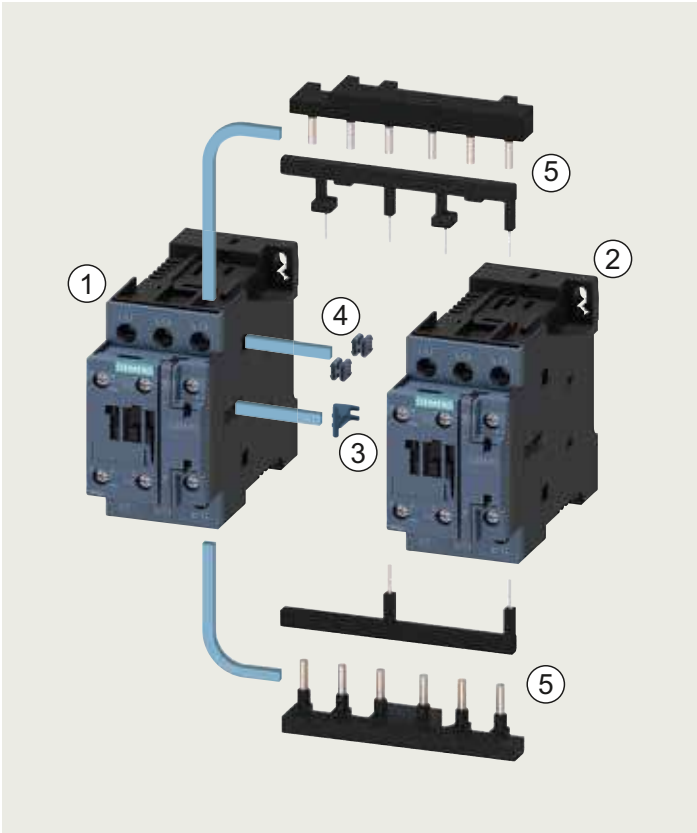
Accessories for 3RT2 Contactors

S00, S0 - Mechanical Interlock & Installation kit for reversing contactors

S00 - S00



S0 - S0



Individual Components

- ① ② Power Contactor Size S00 - S00 or S0 - S0
- ③ Lateral mounted mechanical interlock
- ④ 2 Nos Connecting clips for two contactors
- ⑤ Wiring modules on the top & bottom

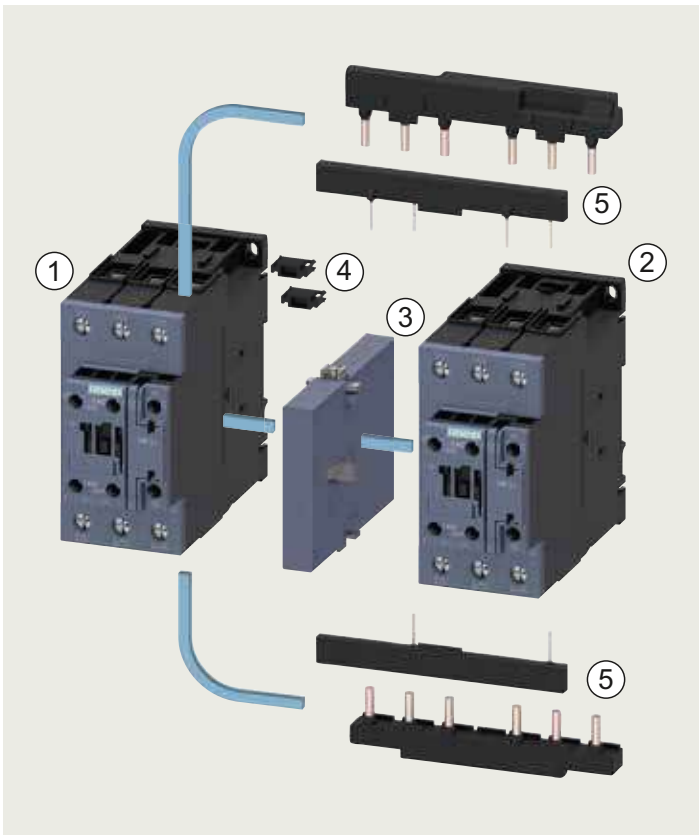
S. No.	Description	Contactor Size	Type*	Unit LP ₹ (per unit / set)	Std. pkg. (nos.)
3, 4, 5	<u>Assembly Kit</u> Each kit contains: Mechanical interlock, 2 Connecting clips for 2 contactors, wiring modules on the top & bottom	S00-S00	3RA2913-2AA1	1720.-	1 Unit
		S0-S0	3RA2923-2AA1	2580.-	
3, 4	Each set contains: Mechanical interlock & 2 Connecting clips	S00-S00	3RA2912-2H	845.-	1 pack (1 pack = 10 Sets)
		S0-S0	3RA2922-2H	845.-	

* For ordering installation kit with spring type terminals please replace last digit from '1' to '2'



Accessories for 3RT2 Contactors

S2 - S2 or S3 - S3 - Mechanical Interlock & Assembly kit for reversing contactors



Individual Components

- ① ② Power Contactor Size S2 - S2 or S3 - S3
- ③ Lateral mounted mechanical interlock
- ④ 2 Nos Connecting clips for two contactors
- ⑤ Wiring modules on the top & bottom

S. No.	Description	Contactor Size	Type	Unit LP ₹ (per unit / set)	Std. pkg. (nos.)
4, 5	Assembly Kit Each kit contains: • Two connecting clips for two contactor • Wiring modules on the top & bottom for connecting the main and auxiliary current paths	S2 - S2	3RA2933-2AA1	2850.-	1 Unit
		S3 - S3	3RA2943-2AA1	5695.-	1 Unit
3	Mechanical interlock	S2 - S2	3RA2934-2B	960.-	1 Unit
		S3 - S3			
4	Connecting Clips for 3Pole Contactors Two connectors for two contactors	S2 - S2	3RA2932-2C	470.-	10 Unit
		S3 - S3	3RA2932-2D	470.-	

* Assembly kit only available for 3 Pole contactors only



4, 5



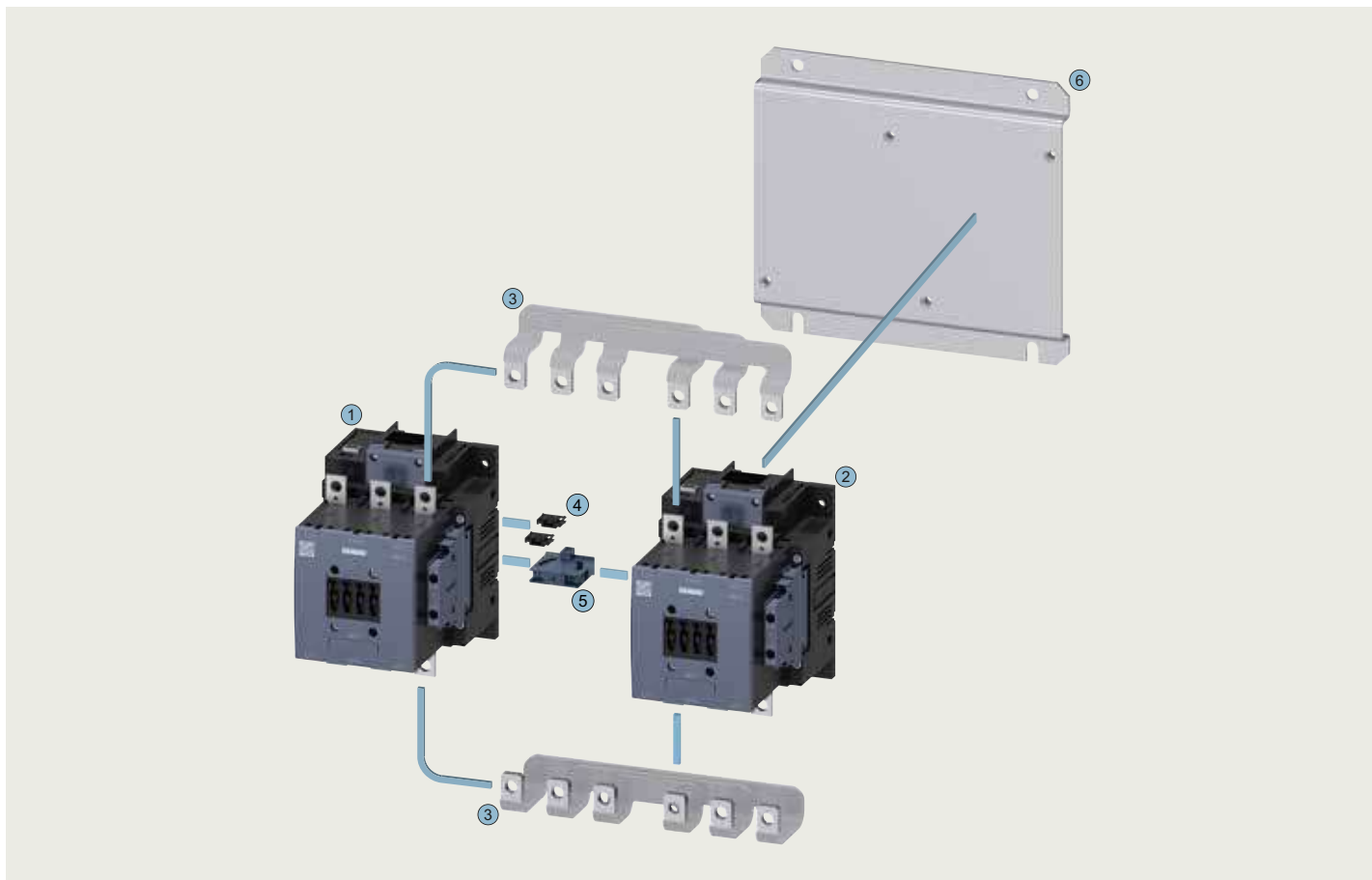
3



4

Accessories for 3RT1 Contactors

S6 - S6 - Mechanical Interlock & Installation kit for reversing contactors



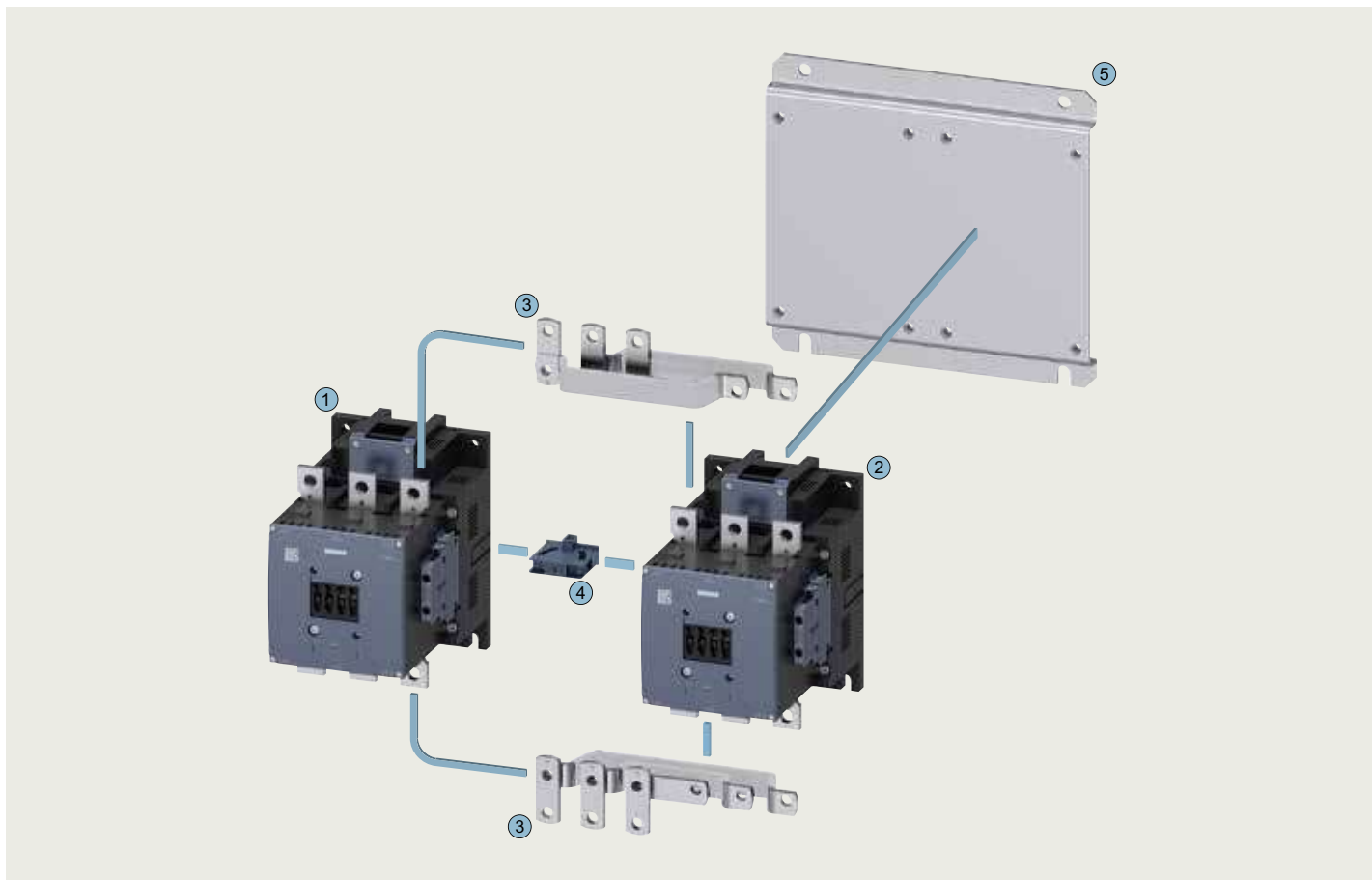
Individual Components

- ① ② Power Contactor Size S6 - S6
- ③ Assembly Kit
- ④ Two connectors for two contactors
- ⑤ Mechanical interlock
- ⑥ Base plate for reversing contactor assemblies

S. No.	Description	Contactor Size	Type	Unit LP ₹ (per unit / set)	Std. pkg. (nos.)
3	<u>Assembly Kit</u> Each kit contains: • Wiring modules on the top & bottom for <u>contactors without box terminals</u> for connecting the main and auxiliary current paths, electrical interlock included (NC Contact interlock)	S6 - S6	3RA1953-2A	39325.-	1 Unit
4	Two connectors for two contactors	S6 - S6	3RA1932-2D	450.-	1 Pack (1 pack = 10 sets)
5	Mechanical interlock	S6 - S6	3RA1954-2A	4860.-	1 Unit
6	Base plate for reversing contactor assemblies	S6 - S6	3RA1952-2A	7345.-	1 Unit

Accessories for 3RT1 Contactors

S10 - S10 or S12 - S12 - Mechanical Interlock & Installation kit for reversing contactors



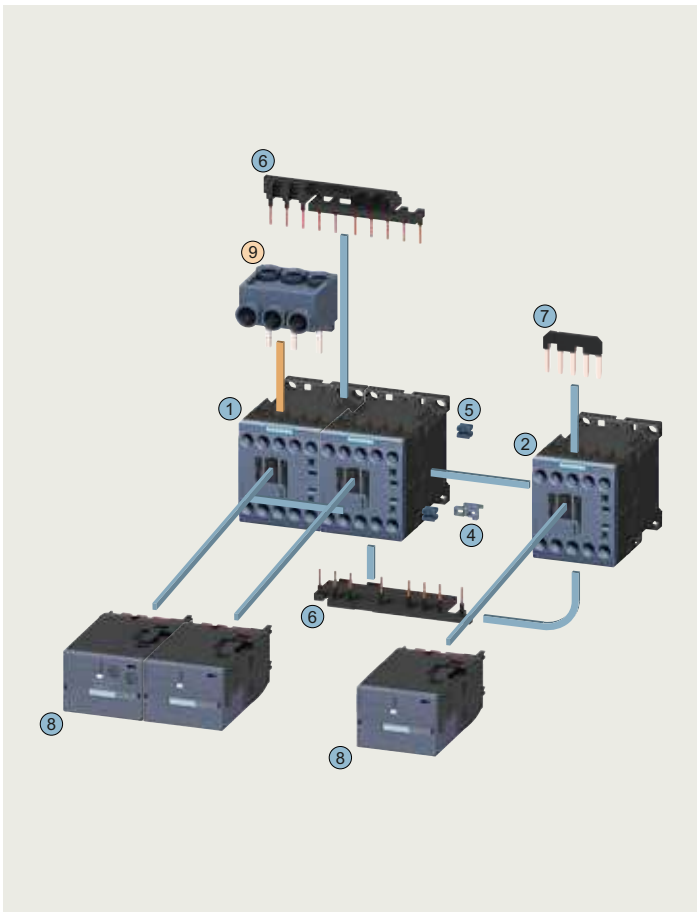
Individual Components

- ① ② Power Contactor Size S10 - S10 or S12 - S12
- ③ Assembly Kit
- ④ Mechanical interlock
- ⑤ Base plate for reversing contactor assemblies

S. No.	Description	Contactor Size	Type	Unit LP ₹ (per unit / set)	Std. pkg. (nos.)
3	<u>Assembly Kit</u> Each kit contains: Wiring modules on the top & bottom for <u>contactors without box terminals</u> for connecting the main and auxiliary current paths, electrical interlock included (NC Contact interlock)	S10 - S10	3RA1963-2A	41930.-	1 Unit
		S12 - S12	3RA1973-2A	44560.-	1 Unit
4	Mechanical interlock	S10 - S10	3RA1954-2A	4860.-	1 Unit
		S12 - S12			
5	Base plate for reversing contactor assemblies	S10 - S10	3RA1962-2A	11015.-	1 Unit
		S12 - S12	3RA1972-2A	12845.-	1 Unit

Accessories for 3RT2 Contactors

S00-S00-S00 - Mechanical Interlock & Installation kit for star delta contactor assembly



Individual Components

- ① ② ③ Power Contactors:
Line: S00
Delta: S00
Star: S00

Assembly kit : ④ ... ⑦

- ④ Mechanical interlock
⑤ 4 Nos Connecting clips for contactors
⑥ Wiring modules on the top & bottom for connecting the main and the control path
⑦ Star Jumper
⑧ Function Module for Star-Delta
⑨ 3-phase feeder terminal

S. No.	For Contactor	Description	Type	Unit LP ₹	Std. pkg. (nos.)
4...7	3RT20 1	Assembly Kit Each kit contains: Mechanical interlock 4 Connecting clips, wiring modules on the top & bottom, Star jumper	■ 3RA2913-2BB1*	1750.-	1 Unit
8	3RT20 1	Function module	■ 3RA2816-0EW20	17680.-	1 Unit
9	3RT20 1	3-phase feeder terminal (for Screw type contactors only)	■ 3RA2913-3K	1280.-	5 Unit

* For ordering installation kit with spring type terminals please replace last digit from '1' to '2'



4...7



8



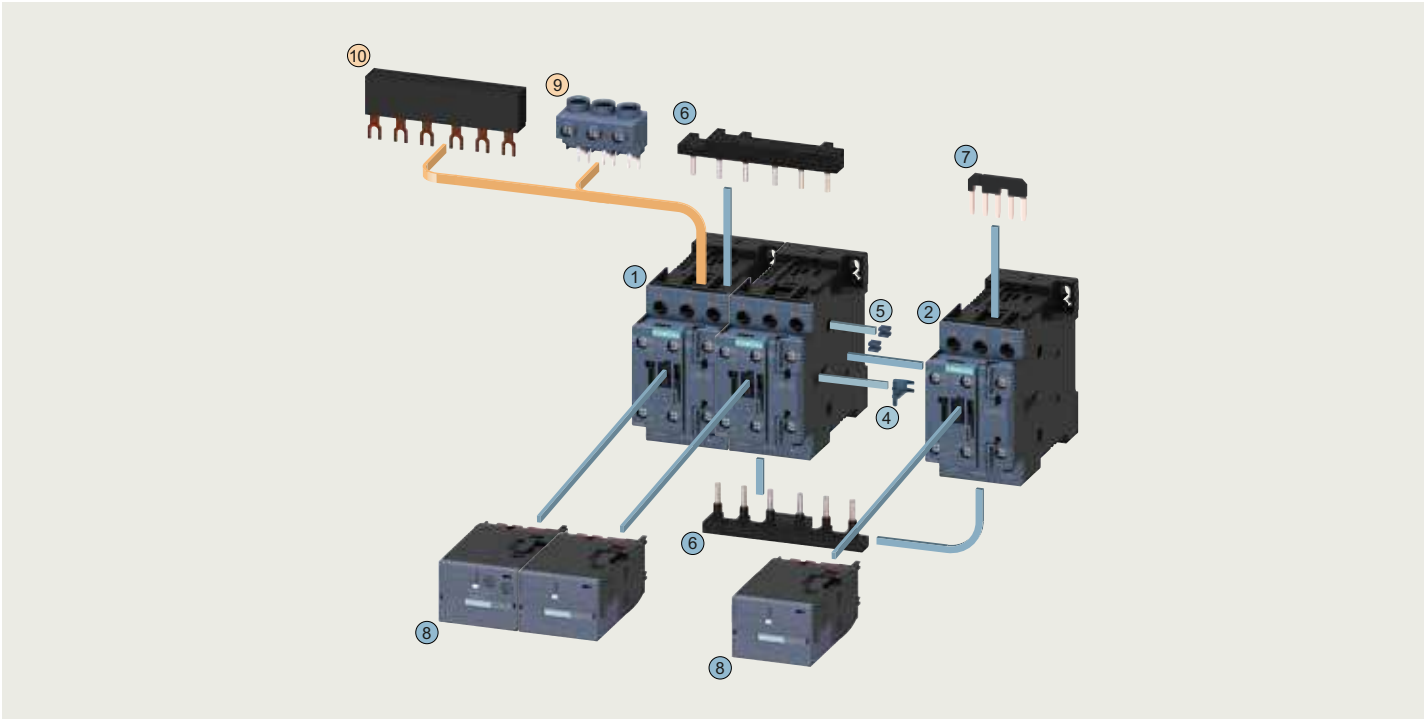
9

■ Stock items

LP - List Price

Accessories for 3RT2 Contactors

S0-S0-S0 - Mechanical Interlock & Installation kit for star delta contactor assembly



Individual Components

- ① ② ③

Power Contactors:
Line: S0
Delta: S0
Star: S0
- ⑧

Function Module for Star-Delta
- ⑨

3-phase feeder terminal
- ⑩

3-phase busbar

Assembly kit : ④ ... ⑦

- ④

Mechanical interlock
- ⑤

4 Nos Connecting clips for contactors
- ⑥

Wiring modules on the top & bottom for connecting the main and the control path
- ⑦

Star Jumper

S. No.	For Contactor	Description	Type	Unit LP ₹	Std. pkg. (nos.)
4...7	3RT20 2	Installation Kit Each kit contains: Mechanical interlock 4 Connecting clips, wiring modules on the top & bottom, Star jumper	■ 3RA2923-2BB1*	2810.-	1 Unit
8	3RT20 2	Function module	■ 3RA2816-0EW20	17680.-	1 Unit
9	3RT20 2	3-phase feeder terminal (for Screw type contactors only)	■ 3RV2925-5AB	2935.-	1 Unit
10	3RT20 2	3-phase busbar (for Screw type contactors only)	■ 3RV1915-1AB	2490.-	1 Unit

* For ordering installation kit with spring type terminals please replace last digit from '1' to '2'



4...7



8



9

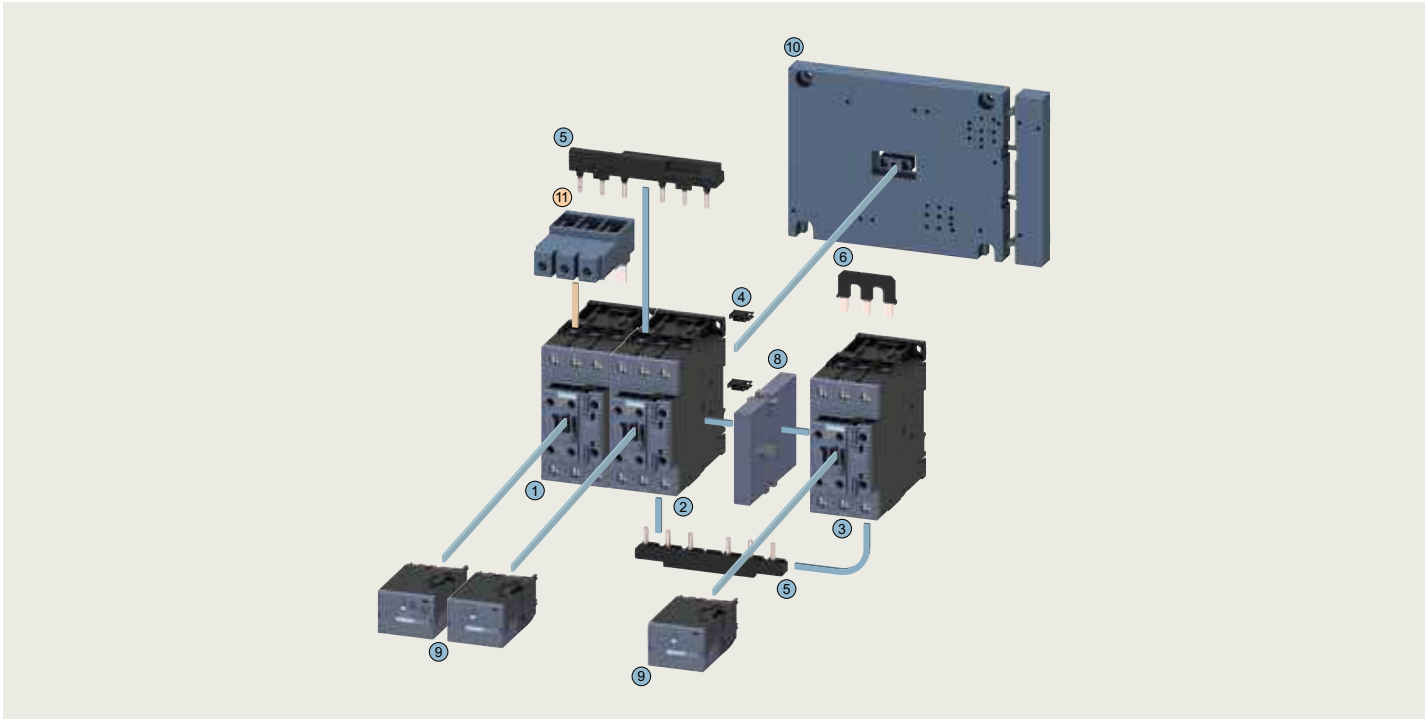


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■ Stock items

Accessories for 3RT2 Contactors

S2-S2-S0/S2 - Mechanical Interlock & Installation kit for star delta contactor assembly



The figure shows the version with screw terminals in S2-S2-S2

Individual Components

- ① ② ③

 Contactors
- ④ ... ⑦

 Assembly kit comprising:
S2-S2-S2: 3RA2933-2BB1
S2-S2-S0: 3RA2933-2C
- ④

 Connectors for three contactors
- ⑤

 Wiring modules on top and bottom for connecting the main and auxiliary circuits
- ⑥

 Star jumper
- ⑦

 Cable for connecting the A2 coil contact from the line contactor with the A2 coil contact of the delta contactor (not shown in the drawing)
- ⑧

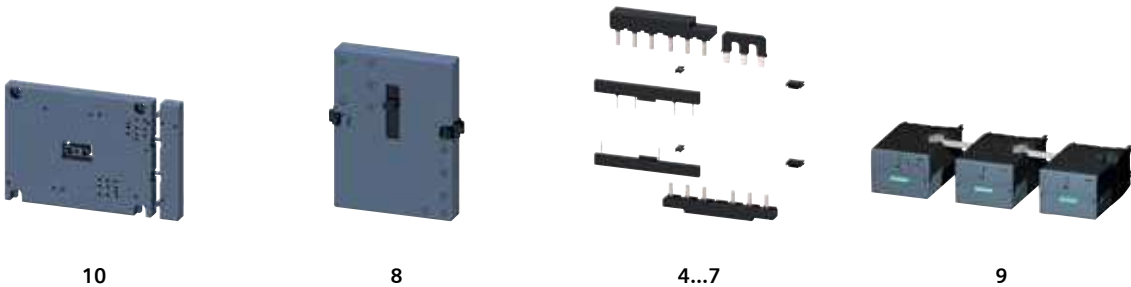
 Mechanical interlock
- ⑨

 Function modules for star-delta (wye-delta)
- ⑩

 Base plate star-delta
- ⑪

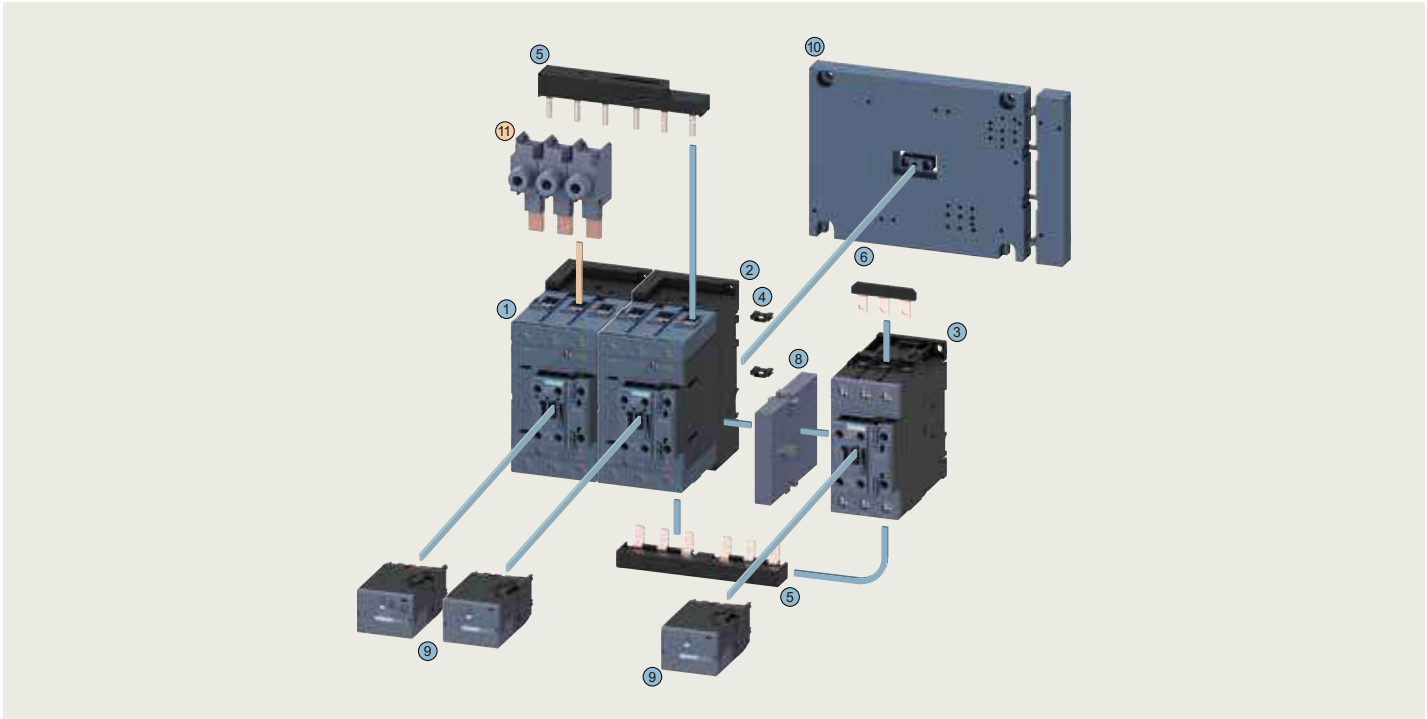
 3-phase feeder terminal

S. No.	For Contactor	Type	LP ₹ (per unit / set)	Std. pkg. (nos.)
10	Base plate	3RA2932-2F	3640.-	1 Unit
8	Mechanical interlock, lateral	3RA2934-2B	960.-	1 Unit
4...7	Assembly Kit: S2-S2-S2	3RA2933-2BB1	4255.-	1 Unit
	Assembly Kit: S2-S2-S0	3RA2933-2C	3125.-	1 Unit
9	Functional Module	3RA2816-0EW20	17680.-	1 Unit



Accessories for 3RT2 Contactors

S3-S3-S2/S3 - Mechanical Interlock & Installation kit for star delta contactor assembly



The figure shows the version with screw terminals in S3-S3-S2

Individual Components

- ① ② ③

 Contactors
- ④ ... ⑦

 Assembly kit comprising:
S3-S3-S3: 3RA2943-2BB
S3-S3-S2: 3RA2943-2C
- ④

 Connectors for three contactors
- ⑤

 Wiring modules on top and bottom for connecting the main and auxiliary circuits
- ⑥

 Star jumper
- ⑦

 Cable for connecting the A2 coil contact from the line contactor with the A2 coil contact of the delta contactor (not shown in the drawing)
- ⑧

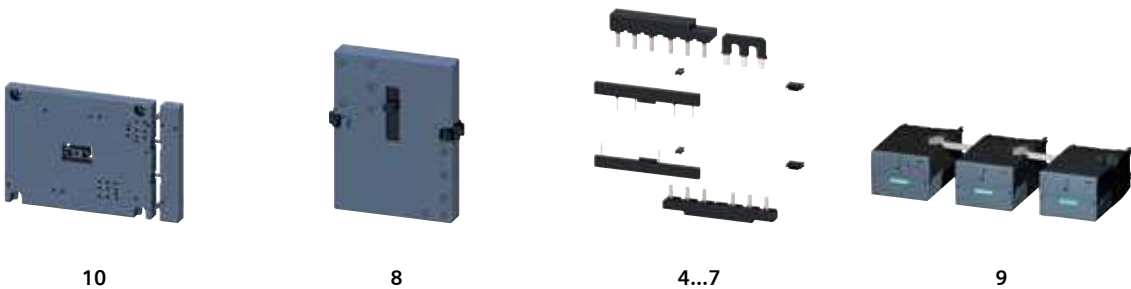
 Mechanical interlock
- ⑨

 Function modules for star-delta (wye-delta)
- ⑩

 Base plate star-delta
- ⑪

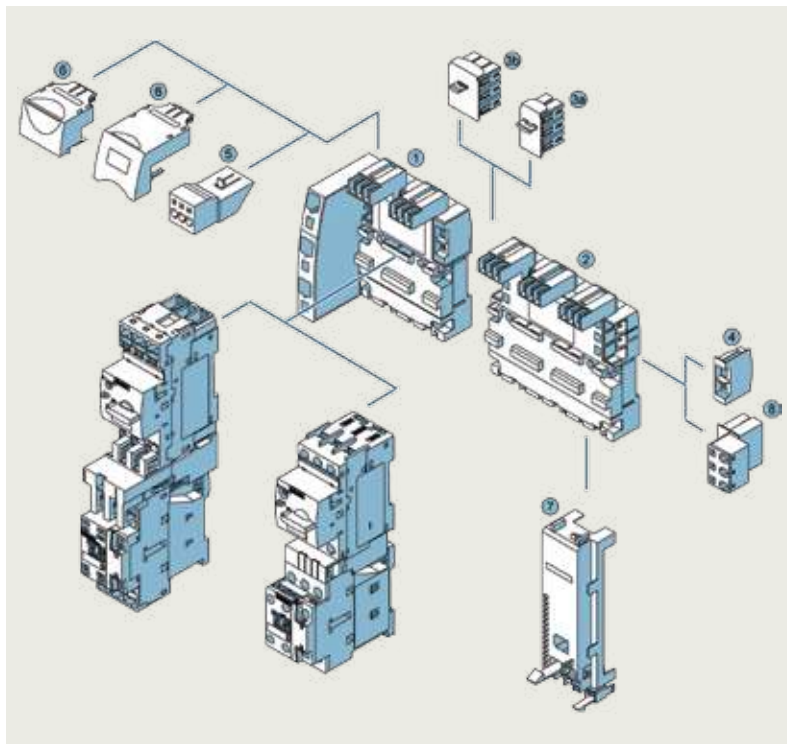
 3-phase feeder terminal

S. No.	For Contactor	Type	LP ₹ (per unit / set)	Std. pkg. (nos.)
10	Base plate	3RA2942-2F	5095.-	1 Unit
8	Mechanical interlock, lateral	3RA2934-2B	960.-	1 Unit
4...7	Assembly Kit: S3-S3-S3	3RA2943-2BB1	3920.-	1 Unit
	Assembly Kit: S3-S3-S2	3RA2943-2C	4345.-	1 Unit
9	Functional Module	3RA2816-0EW20	17680.-	1 Unit



3RV29 Infeed system

The 3RV29 infeed system is a convenient means of energy supply and distribution for a group of several motor starter protectors or complete load feeders with a screw or spring-type connection in sizes S00 and S0.



Individual Components

- | | |
|---------------------------------------|------------------------------------|
| ① 3-phase busbar with infeed | ⑤ Terminal block for device infeed |
| ② 3-phase busbar for system expansion | ⑥ Plug-in connector |
| ③a Expansion plug | ⑦ Contactor base |
| ③b Extra-wide expansion plug | ⑧ Terminal block |
| ④ End cover | |
- Maximum current carrying capacity of 63 A
 - Enables the integration of MPCB's, 1-phase, 2-phase and 3-phase components such as 5SY miniature circuit breakers or SIRIUS relay components.
 - Approved in accordance with IEC to 500 V.
 - UL-approved and authorized for Type E starter and Type F starter.

Legend	Type of accessory	Version	For 3RV20, 3RV23, 3RV24 MPCB only	Type	Unit LP ₹	Std. pkg. (nos.)
①*	Three-phase busbars with infeed (incl. 3RV2917-6A end cover)	For 2 motor starter protectors with screw or spring-type terminals With infeed on the left	S00, S0	3RV2917-1A	3840.-	1
		For 2 motor starter protectors with screw or spring-type terminals With infeed on the Right	S00, S0	3RV2917-1E	3840.-	1
②+	Three-phase busbars for system expansion (incl. 3RV2917-5BA00 expansion plug)	For 2 motor starter protectors with screw or spring-type terminals	S00, S0	3RV2917-4A	2310.-	1
		For 3 motor starter protectors with screw or spring-type terminals	S00, S0	3RV2917-4B	3090.-	1
③+	Expansion Plug (as spare part)			3RV2917-5BA00	785.-	1
	Extra-wide expansion plugs (as accessory)			3RV2917-5E	1735.-	1
④+	End covers (as spare part)			3RV2917-6A	100.-	10
⑤+	Terminal blocks	for device infeed		3RV2917-5FA00	2640.-	1
⑥*	Plug-in connectors to make contact with motor starter protectors	For spring-type terminals	S00	3RV2917-5AA00	680.-	1
			S0	3RV2927-5AA00	680.-	1
		For Screw-type terminals	S00	3RV2917-5CA00	680.-	1
			S0	3RV1927-5AA00	810.-	1
⑦^	Contactor bases for mounting direct-on-line or reversing starters	For contactors	contactors S00, S0	3RV2927-7AA00	570.-	1
⑧+	Terminal blocks	for integration of single-phase, two-phase and three-phase components		3RV2917-5D	2770.-	1

* Required

+ Optional

^ Required for Reversing DOL

Reversing Contactor Assemblies - 3RA23



S00-S00

S0-S0

S2-S2

S3-S3

Screw terminals

Size	AC-3 operational current I _e upto 415V A	Motor rating at 415V, 50Hz kW	AC Coil				DC Coil			
			Rated control supply voltage U _s at 50/60Hz V AC	Type*	Unit LP ₹	Std. pkg. (nos.)	Rated control supply voltage U _s V DC	Type*	Unit LP ₹	Std. pkg. (nos.)
S00	7	3	230	3RA2315-8XB30-1AP0	10565.-	1	24	3RA2315-8XB30-1BB4	14005.-	1
	9	4	230	3RA2316-8XB30-1AP0	11135.-	1	24	3RA2316-8XB30-1BB4	15145.-	1
	12	5.5	230	3RA2317-8XB30-1AP0	11645.-	1	24	3RA2317-8XB30-1BB4	16930.-	1
	16	7.5	230	3RA2318-8XB30-1AP0	13795.-	1	24	3RA2318-8XB30-1BB4	18210.-	1
S0	12	5.5	230	3RA2324-8XB30-1AL2	13790.-	1	24	3RA2324-8XB30-1BB4	16960.-	1
	17	7.5	230	3RA2325-8XB30-1AL2	14100.-	1	24	3RA2325-8XB30-1BB4	19450.-	1
	25	11	230	3RA2326-8XB30-1AL2	17010.-	1	24	3RA2326-8XB30-1BB4	25795.-	1
	32	15	230	3RA2327-8XB30-1AL2	31190.-	1	24	3RA2327-8XB30-1BB4	50510.-	1
	38	18.5	230	3RA2328-8XB30-1AL2	43750.-	1	24	3RA2328-8XB30-1BB4	57115.-	1
S2	50	22	230	3RA2336-8XB30-1AL2	49330.-	1	20...33	3RA2336-8XB30-1NB3 [€]	75895.-	1
	65	30	230	3RA2337-8XB30-1AL2	66080.-	1	20...33	3RA2337-8XB30-1NB3 [€]	84820.-	1
	80	37	230	3RA2338-8XB30-1AL2	83030.-	1	20...33	3RA2338-8XB30-1NB3 [€]	100535.-	1
S3	95	45	230	3RA2346-8XB30-1AL2	103765.-	1	20...33	3RA2346-8XB30-1NB3 [€]	116680.-	1
	110	55	230	3RA2347-8XB30-1AL2	119275.-	1	20...33	3RA2347-8XB30-1NB3 [€]	128365.-	1

Star Delta Contactor Assemblies - 3RA24



S00-S00-S00

S0-S0-S0

S2-S2-S2

S3-S3-S2

Screw terminals

Size	AC-3 operational current I _e upto 415V A	Motor rating at 415V, 50Hz kW	AC Coil [§]				DC Coil [®]			
			Rated control supply voltage U _s at 50/60Hz V AC	Type*	Unit LP ₹	Std. pkg. (nos.)	Rated control supply voltage U _s V DC	Type*	Unit LP ₹	Std. pkg. (nos.)
S00-S00-S00	12	5.5	230	3RA2415-8XF31-1AP0	23705.-	1	24	3RA2415-8XF31-1BB4	27820.-	1
	17	7.5	230	3RA2416-8XF31-1AP0	24965.-	1	24	3RA2416-8XF31-1BB4	30290.-	1
	25	11	230	3RA2417-8XF31-1AP0	26160.-	1	24	3RA2417-8XF31-1BB4	32360.-	1
S0-S0-S0	25	11	230	3RA2423-8XF32-1AL2	29285.-	1	24	3RA2423-8XF32-1BB4	36070.-	1
	32/40	15/18.5	230	3RA2425-8XF32-1AL2	33680.-	1	24	3RA2425-8XF32-1BB4	107930.-	1
	50	22	230	3RA2426-8XF32-1AL2	48810.-	1	24	3RA2426-8XF32-1BB4	72290.-	1
S2-S2-S0	50/65	22/30	230	3RA2434-8XF32-1AL2	65910.-	1	20...33	3RA2434-8XF32-1NB3 [€]	98990.-	1
	80	37	230	3RA2435-8XF32-1AL2	68780.-	1	20...33	3RA2435-8XF32-1NB3 [€]	112930.-	1
	86	45	230	3RA2436-8XF32-1AL2	82705.-	1	20...33	3RA2436-8XF32-1NB3 [€]	121675.-	1
S2-S2-S2	115	55	230	3RA2437-8XF32-1AL2	100805.-	1	20...33	3RA2437-8XF32-1NB3 [€]	131335.-	1
	150	75	230	3RA2445-8XF32-1AL2	110410.-	1	20...33	3RA2445-8XF32-1NB3 [€]	144475.-	1
S3-S3-S2	160	90	230	3RA2446-8XF32-1AL2	147940.-	1	20...33	3RA2446-8XF32-1NB3 [€]	173370.-	1

* For ordering above assembly with Spring type terminals, please replace 13th digit from "1 to 2" for S00, S0

€ - Universal operation AC / DC

Above assemblies are also available as "ready to assemble kit" please refer page no. 23-30

Please contact nearest sales office for other coil voltages and with communication interface



Genuine Siemens spares

Buy from our authorised channel partner

Spares coils

Magnetic coils for 3RT2 (S0, S2, S3)



Size	AC Coil					Universal Coil (AC/DC)				
	Contactor type	Rated control supply voltage U_s at 50/60 Hz V AC	Type	Unit LP ₹	Std. pkg. (nos.)	Contactor type	Rated control supply voltage U_s V DC	Type	Unit LP ₹	Std. pkg. (nos.)
S0	3RT20 23 3RT20 24 3RT20 25	24V	3RT2924-5AC21	1280.-	1					
		110V	3RT2924-5AG21		1					
		230V	3RT2924-5AL21		1					
		400V, 50Hz	3RT2924-5AV01		1					
	3RT20 26 3RT20 27 3RT20 28 3RT23 25 3RT23 26 3RT25 26	24V	3RT2926-5AC21		1					
		110V	3RT2926-5AG21		1					
		230V	3RT2926-5AL21		1					
		400V, 50Hz	3RT2926-5AV01		1					
	3RT20 3 3RT23 3 3RT25 3	24V	3RT2934-5AC21		1	3RT20 3 3RT23 3 3RT25 3	20 ... 33	3RT2934-5NB31	7260.-	1
		110V	3RT2934-5AG21		1		83 ... 155	3RT2934-5NF31		1
		230V	3RT2934-5AL21		1		175 ... 280	3RT2934-5NP31		1
S3	3RT20 4 3RT23 4 3RT25 4 3RT24 4	24V	3RT2944-5AB01	6010.-	1	3RT20 4 3RT23 4 3RT25 4 3RT24 4	20 ... 33	3RT2944-5NB31	8170.-	1
		110V	3RT2944-5AF01		1		83 ... 155	3RT2944-5NF31		1
		230V	3RT2944-5AP01		1		175 ... 280	3RT2944-5NP31		1

For 24 V DC PLC output/PLC relay output,
with remaining lifetime indicator (RLT)
[Withdrawable coil with lateral solid-state module]

Size	AC Coil				
	Contactor type	Rated control supply voltage U_s at 40 to 60Hz AC, DC V AC/DC	Type	Unit LP ₹	Std. pkg. (nos.)
S6	3RT10 5 3RT14 5	96...127V AC/DC	3RT1955-5PF31	38850.-	1
		200...277V AC/DC	3RT1955-5PP31	38850.-	1
S10	3RT10 6 3RT14 6	96...127V AC/DC	3RT1965-5PF31	48875.-	1
		200...277V AC/DC	3RT1965-5PP31	48875.-	1
S12	3RT10 7 3RT14 7	96...127V AC/DC	3RT1975-5PF31	65190.-	1
		200...277V AC/DC	3RT1975-5PP31	65190.-	1

Arc Chambers for 3RT10 / 3RT14

Size	Contactor type	Version	Type	Unit LP ₹	Std. pkg. (nos.)
S6	3RT10 54	Arc chutes 3-pole	3RT1954-7A	6040.-	1
	3RT10 55		3RT1955-7A	6835.-	1
	3RT10 56		3RT1956-7A	7540.-	1
S10	3RT10 64		3RT1964-7A	7730.-	1
	3RT10 65		3RT1965-7A	8335.-	1
	3RT10 66		3RT1966-7A	8605.-	1
S12	3RT10 75		3RT1975-7A	9685.-	1
	3RT10 76		3RT1976-7A	9970.-	1
S6	3RT14 56 ¹⁾		3RT1956-7B	10015.-	1
S10	3RT14 66 ¹⁾		3RT1966-7B	11690.-	1
S12	3RT14 76 ¹⁾		3RT1976-7B	13825.-	1

1) For 3RT14 AC-1 duty power contactors

LP - List Price

Adaptor plates

Description (Adaptor plates for using in place of 3TF/3TR contactors)	Type	Unit LP ₹	MOQ
3RT10/3RT20 15/16/17 replacing 3TF/3TR 30/31	3TX80120A	270.-	5
3RT10/3RT20 25/26 replacing 3TF/3TR 32/33	3TX80250A	400.-	5
3RT10 34/35 replacing 3TF/3TR 34/35	3TX80400A	545.-	5
3RT10 36 replacing 3TF/3TR 46	3TX80500A	650.-	5
3RT10 44/45 replacing 3TF/3TR 47 / 3TF 477	3TX80800A	1305.-	1
3RT10 45/46 replacing 3TF/3TR 48/49	3TX80950A	1330.-	1
3RT10 56 replacing 3TF/3TR 52	3TX81850A	2330.-	1
3RT10 64 replacing 3TF/3TR 53	3TX82250A	2480.-	1

To replace existing contactor of any other brand please contact nearest sales office.

Contacts with fixing parts

For 3RT20 & 3RT10, 3 pole power contactors

1 set = 3 moving and 6 fixed switching contacts with fixing parts

Size	Contactor type	Type	Unit LP ₹	Std. pkg. (nos.)
S2	3RT20 36	3RT2936-6A	10070.-	1
	3RT20 37	3RT2937-6A	13400.-	1
	3RT20 38	3RT2938-6A	17890.-	1
S3	3RT20 46	3RT2946-6A	18145.-	1
	3RT20 47	3RT2947-6A	24545.-	1
S6	3RT10 54	3RT1954-6A	27805.-	1
	3RT10 55	3RT1955-6A	34895.-	1
	3RT10 56	3RT1956-6A	44440.-	1
S10	3RT10 64	3RT1964-6A	50365.-	1
	3RT10 65	3RT1965-6A	56265.-	1
	3RT10 66	3RT1966-6A	66370.-	1
S12	3RT10 75	3RT1975-6A	87630.-	1
	3RT10 76	3RT1976-6A	112540.-	1

For 3RT24/14 AC-1 duty power contactors

1 set = 3 movable and 6 fixed switching elements with fixing parts

Size	Contactor type	Type	Unit LP ₹	Std. pkg. (nos.)
S3	3RT24 46	3RT2946-6D	41620.-	1
S6	3RT14 56	3RT1956-6D	67530.-	1
S10	3RT14 66	3RT1966-6D	105150.-	1
S12	3RT14 76	3RT1976-6D	135015.-	1

For 3RT23, 4 pole AC-1 duty contactors

1 set = 4 movable and 8 fixed switching elements with fixing parts

Size	Contactor type	Type	Unit LP ₹	Std. pkg. (nos.)
S2	3RT23 36	3RT2936-6E	12350.-	1
	3RT23 37	3RT2937-6E	14225.-	1

Spares for 3RT12 Vacuum Contactors

For contactor	Type	Unit LP ₹	Std. pkg. (nos.)
Spare coils			
3RT126	4)	3RT1966-5A..1	19765.-
3RT127	23 ... 26 380 ... 420 110 ... 127 220 ... 240	3RT1975-5AB31 3RT1975-5AV31 3RT1975-5AF318K 3RT1975-5AP318K	23975.-
Solid state operating mechanism			
3RT126	96 ... 127V AC/DC 200 ... 277V AC/DC	3RT1966-5NF31 3RT1966-5NP31	25495.-
3RT127	200 ... 277V AC/DC	3RT1975-5NP31	33950.-
Spare vacuum bottles (set of 3)			
3RT1264 3RT1265 3RT1266		3RT1964-6V 3RT1965-6V 3RT1966-6V	127925.- 147725.- 180215.-
3RT1275 3RT1276		3RT1975-6V 3RT1976-6V	217780.- 262120.-

4) Coil voltage (AC/DC) - Please enter coil codes from table below

Code	B3	F3	P3	V3
Coil voltage (V)	23-26	110-127	220-240	380-420



Contactor Relays - SICONT^{Plus} 3TH3

Contactor size	Rated current (A) Ie AC15 at 230V	AC 50 Hz coil (LPs for 110, 230, 415V)				DC coil (LPs for 24, 110, 220V)			
		Aux. contacts	Type Pl. fill in coil voltage code	Unit LP ₹	Std. pkg. (nos.)	Aux. contacts	Type Pl. fill in coil voltage code	Unit LP ₹	Std. pkg. (nos.)
0	10	4NO [§]	■ 3TH3040-0A..	2965.-	1	4NO [§]	■ 3TH3040-0B..	4205.-	1
		3NO + 1NC [§]	■ 3TH3031-0A..		1	3NO + 1NC [§]	■ 3TH3031-0B..		1
		2NO + 2NC [§]	■ 3TH3022-0A..		1	2NO + 2NC [§]	■ 3TH3022-0B..		1

Power Contactors - SICOP 3TF

Size	Rated current (A) Ie AC3 upto 415V	Motor kW at 415V 50Hz, 3ph	AC 50 Hz coil (LPs for 110, 230, 415V)				DC coil (LPs for 24, 110, 220V)			
			Auxiliary contacts	Type Pl. fill in coil voltage code	Unit LP ₹	Std. pkg. (nos.)	Auxiliary contacts	Type Pl. fill in coil voltage code	Unit LP ₹	Std. pkg. (nos.)
0	9	4	1NO [§]	■ 3TF3010-0A..	2590.-	1	1NO [§]	■ 3TF3010-0B..	4745.-	1
			1NC [§]	■ 3TF3001-0A..	2590.-		1NC [§]	■ 3TF3001-0B..	4745.-	
	12	5.5	1NO [§]	■ 3TF3110-0A..	2905.-	1	1NO [§]	■ 3TF3110-0B..	5030.-	1
			1NC [§]	■ 3TF3101-0A..	2905.-		1NC [§]	■ 3TF3101-0B..	5030.-	
1	16	7.5	— [§]	■ 3TF3200-0A..	3080.-	1	— [§]	■ 3TF3200-0B..	5840.-	1
	22	11	— [§]	■ 3TF3300-0A..	4115.-	1	— [§]	■ 3TF3300-0B..	7875.-	1
2	32	15	— [§]	■ 3TF3400-0A..	9445.-	1	— [§]	■ 3TF3400-0B..	18255.-	1
	38	18.5	— [§]	■ 3TF3500-0A..	13695.-	1	— [§]	■ 3TF3500-0B..	21640.-	1
	40	18.5	— [§]	■ 3TF3500-0A..ZT00^	13900.-	1	— [§]	■ 3TF3500-0B..ZT00^	21840.-	1

Auxiliary contact blocks

Size	Rated current (A) Ie AC3 upto 415V	Motor kW at 415V 50Hz, 3ph	AC 50 Hz coil (LPs for 110, 230, 415V)				For contactor	Description	Type	Unit LP ₹	Std. pkg. (nos.)
			Auxiliary contacts	Type Pl. fill in coil voltage code	Unit LP ₹	Std. pkg. (nos.)					
3	45	22	2NO + 2NC ^{\$}	■ 3TF4602-0A..ZA01®	18905.-	1	3TF30 to 35 & 3TH30	1NO	■ 3TX4010-2A	400.-	10
	63	30	2NO + 2NC ^{\$}	■ 3TF4702-0A..ZA01®	26855.-	1		1NC	■ 3TX4001-2A	400.-	10
	65	30	2NO + 2NC ^{\$}	■ 3TF4702-0A..ZT00^	27030.-	1		1NO (Extd)	■ 3TX4010-4A	620.-	10
	70	37	2NO + 2NC ^{\$}	■ 3TF4772-0A..	28765.-	1		1NC (Extd)	■ 3TX4001-4A	620.-	10
4	75	42	2NO + 2NC ^{\$}	■ 3TF4822-0A..ZA01®	34405.-	1	3TF46 to 3TF56	Second 1NO+1NC Left	■ 3TY7561-1KA008K	1830.-	1
	85	45	2NO + 2NC ^{\$}	■ 3TF4922-0A..ZA01®	42880.-	1		Second 1NO+1NC Right			
6	110	55	2NO + 2NC ^{\$}	■ 3TF5002-0A..	51315.-	1					
	140	75	2NO + 2NC ^{\$}	■ 3TF5102-0A..	67675.-	1					
8	170	90	2NO + 2NC ^{\$}	■ 3TF5202-0A..	83820.-	1					
	205	110	2NO + 2NC ^{\$}	■ 3TF5302-0A..	90890.-	1					
10	250	132	2NO + 2NC ^{\$}	■ 3TF5402-0A..	110680.-	1					
	300	160	2NO + 2NC ^{\$}	■ 3TF5502-0A..	137015.-	1					
12	400	200	2NO + 2NC ^{\$}	■ 3TF5602-0A..	160675.-	1					

@ For box type (SIGUT) terminals, order 2 nos 3TX7460-0E, LP ₹ 925.- each.

\$ For more aux. contacts, pl. see table above.

^ B0, F0, P0 and B4 coil voltage only available

Note: DC Coil - 3TF4/5 has been discontinued. 3RT Contactors (Page No. 6-7) recommended

@ For box type (SIGUT) terminals, order 2 nos 3TX7460-0E, LP ₹ 925.- each.

\$ For more aux. contacts, pl. see table above.

^ B0, F0, P0 and B4 coil voltage only available

Note: DC Coil - 3TF4/5 has been discontinued. 3RT Contactors (Page No. 6-7) recommended

Size	Rated current (A) Ie AC3 upto 415V	Motor kW at 415V 50Hz, 3ph	AC 50 Hz coil (LPs for 110, 230, 415V)				DC coil (LPs for 24, 110, 220V)			
			Auxiliary contacts	Type Pl. fill in coil voltage code	Unit LP ₹	Std. pkg. (nos.)	Auxiliary contacts	Type Pl. fill in coil voltage code	Unit LP ₹	Std. pkg. (nos.)
14	630	355	4NO + 4NC	3TF6844-0C..	refer	1	3NO + 3NC	3TF6833-1D.. ¹⁾	refer	1
	820	450	4NO + 4NC	3TF6944-0C..	page no. 10	1	3NO + 3NC	3TF6933-1D.. ¹⁾	page no. 10	1

1) LP includes control contactor

AC 50Hz coil code: 3TF30 to 3TF56, 3TH3

Coil voltage (V)	24	■ 110	■ 230	■ 415
Code	B0	F0	P0	R0

Wide band AC 50 Hz coil code: 3TF30 to 3TF35

Coil voltage (V)	70-140	150-280	260-460
Code	W110	W220	W415

AC 50/60 Hz coil code: 3TF68/69

Coil voltage (V)	110-132	■ 220-240	380-460
Code	F7	M7	Q7

DC coil code: 3TF30 to 3TF35, 3TF68/69, 3TH3

Coil voltage (V)	■ 24	110	220
Code	B4	F4	M4

■ Stock items

Please order in multiples of standard packing.

LP - List Price

Extra LP per unit for non-std coils B0 / M0# / U0# (AC), DC and wide band

for 3TH, 3TF30 to 33	505.-	for 3TF34 to 49	595.-	for 3TF50 to 56	1550.-
Wide band coil for 3TH, 3TF30 to 33	505.-	Wide band coil for 3TF34/35	595.-		

For any non-standard coil or contactor with non standard coil, minimum order quantity should be 100 nos. or minimum order value of ₹1,00,000/- per item.

For non-standard coil voltages not mentioned above, pl. check with Siemens.

M0: 220V AC, U0: 240V AC

2 Pole DC Contactors - 3TC



For DC loads
with AC coil, 2NO+2NC aux. contacts

Contactor size	Rated current Ie (A) DC3/5	Type ²⁾	Unit LP ₹	Std. pkg. (nos.)
2	32	3TC4417-0B..	42325.-	1
4	75	3TC4817-0B..	210680.-	1
8	220	3TC5217-0B..	354680.-	1
12	400	3TC5617-0B..	605690.-	1

²⁾ AC coil voltage - Please enter coil codes from table below

Code	F0	U0
Coil voltage (V) (50Hz)	110	240

with DC coil, 2NO + 2NC aux. contacts

Contactor size	Rated current Ie (A) DC3/5	Type ³⁾	Unit LP ₹	Std. pkg. (nos.)
2	32	3TC4417-0A..	58405.-	1
4	75	3TC4817-0A..	253760.-	1
8	220	3TC5217-0A..	436020.-	1
12	400	3TC5617-0A..	804850.-	1

³⁾ DC coil voltage - Please enter coil codes from table below

Code	B4	F4	M4
Coil voltage (V)	24	110	220

Accessories for SICOP / SICONT^{Plus}

Interlocking kit for two 3TF contactors
(inclusive of base plate and interlocking mechanism)

Contactor type	Type	Unit LP ₹	Std. pkg. (kits)
3TF30-35	■ 3TX4091-1A#	1265.-	10
3TF46/47/47-7	■ 3TX7466-1YA0	4475.-	2
3TF48/49	■ 3TX7486-1YA0	7295.-	2
3TF50/51	■ 3TX7506-1YA0	8195.-	2
3TF52/53	■ 3TX7526-1YA0	9380.-	2
3TF54/55	■ 3TX7546-1YA0	11295.-	2
3TF56/57	■ 3TX7566-1YA0	12065.-	2
3TF50/52	■ 3TX7526-1YA09	9380.-	2
3TF52/54	■ 3TX7546-1YA09	11295.-	2

Note: Higher rating upon enquiry # W/o base plate (not required)

Coil voltage		Type	Unit LP ₹	Std. pkg. (nos.)
AC	DC			
Surge suppressor (varistor) for 3TF30-35, 3TH30				
24 - 48 V	24 - 70 V	■ 3TX7402-3GY1	1145.-	10
48 - 127V	70 - 150V	■ 3TX7402-3HY1	1145.-	10
127 - 240V	150 - 250V	■ 3TX7402-3JY1	1145.-	10
240 - 400V	—	3TX7402-3KY1	1470.-	10
400 - 600V	—	3TX7402-3LY1	1470.-	10
Surge suppressor (RC unit) for 3TF30-35, 3TH30				
24 - 48 V	24 - 70 V	3TX7402-3RY2	1825.-	10
48 - 127V	70 - 150V	3TX7402-3SY2	1825.-	10
127 - 240V	150 - 250V	3TX7402-3TY2	1825.-	10
240 - 400V	—	3TX7402-3UY2	1825.-	10
400 - 600V	—	3TX7402-3VY2	1825.-	10
Surge suppressor (varistor) for 3TF46-56				
Less than 48V	24 - 70V	■ 3TX7462-3GY1	1570.-	10
48 - 127V	70 - 150V	■ 3TX7462-3HY1	1570.-	10
127 - 240V	150 - 250V	■ 3TX7462-3JY1	1570.-	10
240 - 400V	—	3TX7462-3KY1	1665.-	10
400 - 600V	—	3TX7462-3LY1	1665.-	10



Spares for SICOP and SICON^{Plus} Contactors

SICOP main contact kits (set of 6 fixed & 3 moving contacts)

For Contactor (AC3 Rating)	Type	LP per set ₹	Std. pkg. (nos.)
3TF32/42 (16A)	■ 3TY7420-0A	2270.-	1
3TF33/43 (22A)	■ 3TY7430-0A	3170.-	1
3TF34 (32A)	■ 3TY7340-0C	6090.-	1
3TF35 (38A)	■ 3TY7350-0C	9275.-	1
3TF44 (32A)	■ 3TY7440-0A	6730.-	1
3TF45 (38A)	■ 3TY7450-0A	9275.-	1
3TF46 (45A)	■ 3TY7460-0YA	9955.-	1
3TF47 (63A)	■ 3TY7470-0YA	14505.-	1
3TF477 (70A)	■ 3TY7477-0YA	16820.-	1
3TF48 (75A)	■ 3TY7480-0A	19345.-	1
3TF49 (85A)	■ 3TY7490-0A	25915.-	1
3TF50 (110A)	■ 3TY7500-0YA	28270.-	1
3TF51 (140A)	■ 3TY7510-0YA	35565.-	1
3TF52 (170A)	■ 3TY7520-0YA	44680.-	1
3TF53 (205A)	■ 3TY7530-0YA	47675.-	1
3TF54 (250A)	■ 3TY7540-0YA	57330.-	1
3TF55 (300A)	■ 3TY7550-0YA	67405.-	1
3TF56 (400A)	■ 3TY7560-0YA	89195.-	1
3TF68 (630A)	3TY7680-0B ^{\$}	604070.-	1
3TF69 (820A)	3TY7690-0B ^{\$}	970575.-	1

\$ Set of 3x vacuum bottles.

Auxiliary contact blocks

For contactor	Description	Type	Unit LP ₹	Std. pkg. (nos.)
3TF46-56	1NO + 1NC (Extd) Right	3TY7561-1E	2355.-	1
3TF46 to 3TF56	Built-in, 1NO+1NC Left / Right	3TY7561-1AA00-8K	1830.-	1
	Add-on, Second 1NO+1NC Left / Right	3TY7561-1KA00-8K	1830.-	1

DC coils

For contactor	Type†	Unit LP ₹	Std.pkg. (nos.)
		For 24/110/ 220V	
3TH3, 3TF30-33/42/43	■ 3TY4803-0B..	2125.-	1
3TF34/35	3TY7443-0B..	3180.-	1
3TF68	3TY7683-0D..	LP on request	1

† Pl. add coil voltage code from table on page no. 35.

24V, 110V, 220V are stock items only for 3TH3/3TF30/31/32/33

SICOP arc chambers

For Contactor	Type	Unit LP ₹	Std. pkg. (nos.)
3TF34	3TY7342-0C	1255.-	1
3TF35	3TY7352-0C	1330.-	1
3TF46	3TY7462-0YA	2605.-	1
3TF47	3TY7472-0YA	3180.-	1
3TF477	3TY7477-0YD	3840.-	1
3TF48	3TY7482-0A	4630.-	1
3TF49	3TY7492-0A	5340.-	1
3TF50	3TY7502-0YA	6340.-	1
3TF51	3TY7512-0YA	7225.-	1
3TF52	3TY7522-0YA	7925.-	1
3TF53	3TY7532-0YA	8175.-	1
3TF54	3TY7542-0YA	8805.-	1
3TF55	3TY7552-0YA	9070.-	1
3TF56	3TY7562-0YA	10225.-	1

AC coils (50 Hz)

For contactor	Type†	Unit LP ₹		Std. pkg. (nos.)
		For 110/230/ 415V 50Hz	For all other coil voltages	
3TH3, 3TF30-33/42/43	■ 3TY7403-0A..	1565.-	1775.-	1
3TF34/35/44/45	■ 3TY7443-0A..	1925.-	2495.-	1
3TF46/47/477	■ 3TY7463-0A..	3345.-	3890.-	1
3TF48/49	■ 3TY7483-0A..	6100.-	6675.-	1
3TF50/51	■ 3TY7503-0A..	6215.-	7725.-	1
3TF52/53	■ 3TY7523-0A..	7870.-	9375.-	1
3TF54/55	■ 3TY7543-0A..	9520.-	11030.-	1
3TF56	■ 3TY7563-0A..	13830.-	16850.-	1
3TF68	3TY7683-0C..	104595.-	NA	1
3TF69	3TY7693-0C..	LP on request	NA	1

† Pl. add coil voltage code from table on page no. 35.

110V, 230V, 415V are stock items for 3TH, 3TF30-56

24V is stock item only for 3TH3/3TF30/31/32/33

Connector

The 3TS90 **connector** is used to mount the motor protection circuit breaker 3VS on the contactor 3TF with screw terminals. It enables mechanical and electrical connection between contactor and motor starter protection circuit breaker.



Range:

MPCB		Contactor		Type of Connector	Unit LP ₹	Std. pkg. (nos.)
Type	Current Rating	Type	AC3 Current Rating			
3VS13	0.16 to 20A	3TF30/31	9 / 12 A	3TS9001-8K	640.-	1
3VS13	6 to 25A	3TF32/33	16 / 22A	3TS9002-8K	770.-	1

Benefits:

- 1) Direct mounting of 3VS MPCB on 3TF
- 2) Secure poor connections
- 3) Reduced feeder size and assemble time

Spares for 3TC Contactors

Description	Version	Type	Unit LP ₹	Std. pkg. (nos.)
Set of main contacts	3TC44	3TY2440-0A	15180.-	1
	3TC48	3TY2480-0A	37165.-	1
	3TC52	3TY2520-0A	105375.-	1
	3TC56	3TY2560-0A	208980.-	1
AC coils ¹⁾ (50 Hz)	3TC44	3TY7403-0A..	1565.-	1
	3TC52	3TY6523-0A..	26730.-	1
DC coils ²⁾	3TC44	3TY6443-0B..	27390.-	1
	3TC48	3TY6483-0B..	46705.-	1
	3TC52	3TY6523-0B..	115490.-	1
	3TC56	3TY6563-0B..	160390.-	1
Arc chambers	3TC44	3TY2442-0A	14870.-	1
	3TC48	3TY2482-0A	26980.-	1
	3TC52	3TY2522-0A	41995.-	1
	3TC56	3TY2562-0A	84895.-	1
Auxiliary contacts 1st 1NO + 1NC Left/Right 2nd 1NO + 1NC Left 2nd 1NO + 1NC Right	3TC44/48	3TY6501-1AA00	6765.-	1
	3TC48	3TY6501-1K		1
	3TC48	3TY6501-1L		1

1) AC coil voltage - Please enter coil codes from table below

Code	B0	F0	U0	R0
Coil voltage (50 Hz)	24	110	240	415 ^{\$}

\$ Only for 3TC 44

2) DC coil voltage - Please enter coil codes from table below

Code	B4	F4	M4
Coil voltage	24	110	220





SINOPLUS 3MT7

Capacitor Duty Contactors

Reliable Switching

SIEMENS

3MT7 Capacitor Duty Contactors

NEW



Comprehensive Range

Available from 2.5kvar to 100kvar offering more options for accurate selection thus reducing the cost of installation.



Reliable

The entire range is DIN rail mountable for quick installation and provides excellent damping of inrush current enhancing your system life.



Safe

Confirming to UL508, CSA 22.2, IEC 60947-4-1 and IEC 60947-5-1 standards and is RoHS compliant.



Capacitor kvar 415V AC, 3Ph, 50Hz	Built-in aux. contacts	Type®	Unit LP ₹	Built-in aux. contacts	Type®	Unit LP ₹	Std. pkg. (nos.)
NEW 2.5kvar	1NO	3MT70002JA106A..	3245.-	1NC	3MT70002JA016A..	3245.-	1
NEW 5kvar	1NO	3MT70005JA106A..	3590.-	1NC	3MT70005JA016A..	3590.-	1
NEW 7.5kvar	1NO+1NC	3MT70007JA116A..	3955.-	2NC	3MT70007JA026A..	3955.-	1
NEW 10kvar	1NO+1NC	3MT70010JA116A..	4925.-	2NC	3MT70010JA026A..	4925.-	1
NEW 12.5kvar	1NO+1NC	3MT70012JA116A..	5030.-	2NC	3MT70012JA026A..	5030.-	1
NEW 16.7kvar	1NO+1NC	3MT70016JA116A..	6665.-	2NC	3MT70016JA026A..	6665.-	1
NEW 20kvar	1NO+1NC	3MT70020JA116A..	7410.-	2NC	3MT70020JA026A..	7410.-	1
NEW 25kvar	1NO+1NC	3MT70025JA116A..	8495.-	2NC	3MT70025JA026A..	8495.-	1
NEW 33.3kvar	1NO+2NC	3MT70033JA126A..	12875.-				1
NEW 40kvar	1NO+2NC	3MT70040JA126A..	20785.-				1
NEW 50kvar	1NO+2NC	3MT70050JA126A..	24330.-				1
60kvar	1NO+2NC	3MT70060JA126A..	25860.-				1
80kvar	1NO+2NC	3MT70080JA126A..	31745.-				1
100kvar	1NO+2NC	3MT70100JA126A..	32990.-				1

@ Please enter coil codes from table below

Coil for Contactors 2.5 to 60 kvar

Frequency	24V AC	110V AC	220V AC	240V AC	415V AC
50/60 Hz	C2	G2	N2 ■	P2 ■	R2

Coil for Contactors 80 and 100 kvar

Frequency	110V AC	220V AC	240V AC	415V AC
50 Hz	F0	M0 ■	U0 ■	V0

Spares for 3MT7 Contactors

Contactor Coils	Type®	Unit LP ₹	Std. pkg. (nos.)
2.5kvar to 16.7kvar : 3MT70002 to 3MT70016	3MT72000L..9M1A	970.-	1
20kvar to 25kvar : 3MT70020 to 3MT70025	3MT74000L..9M1A	1145.-	1
33.3kvar to 60kvar : 3MT70033 to 3MT70075	3MT76000L..9M1A	2950.-	
80kvar to 100kvar : 3MT70080 to 3MT70100	3MT78000L..9M1A	3220.-	1

Spare side aux. contact block	Type	Unit LP ₹	Std. pkg. (nos.)
1NO+1NC	3MT70110CL09M1A	725.-	10
2NC	3MT70200CL09M1A	725.-	10

3TS Converter duty Contactors

Features

- Offers one of the highest AC-1 rating in given size
- Arc chamber interlock
- SIGUT Termination technique
- Compact Dimensions
- Screw mounting
- Double break parallel bridge auxiliary contacts

Applications

- VFD, Soft Starters applications
- UPS
- Solar and Wind inverters
- Resistive loads
- Battery charging
- Neutral switching



Contactor Size	Rated current Ie (A) AC1 at 415V	AC Coil		
		Type	Unit LP ₹	Std. pkg. (nos.)
3	100	3TS4822-0A..1-8K	17630.-	1
4	145	3TS5022-0A..1-8K	30715.-	1
6	200	3TS5122-0A..1-8K	41360.-	1
6	225	3TS5222-0A..1-8K	47975.-	1
8	275	3TS5322-0A..1-8K	68165.-	1
8	325	3TS5422-0A..1-8K	77060.-	1
10	400	3TS5522-0A..1-8K	87180.-	1
12	525	3TS5622-0A..1-8K	119350.-	1

* for 3TS48-3TF56

	AC Coil (50Hz)	
Code	F0	P0
Coil voltage (V)	110	230

3TS 2 Pole Contactors

Benefits:

- Ease of wiring (can avoid use of lugs)
- Operator Safety (contactor cannot be switched-on if arc chamber is not fitted properly)
- Flexible mounting
- Space saving
- Unmatched contact reliability
(ensures reliable contact at low voltage & low currents)

Standards:

3TS contactors conform to IS 13947 and IEC 60947. They also carry CE mark.

Application:

- Single Phase Pumps
- HVAC
- ESP
- Lighting



Rated current (A) Ie AC3 upto 415V	Auxiliary contacts	Type#	Unit LP ₹	Std. pkg. (nos.)
9	1NO	3TS3010-0A..2-8K	1560.-	1
12	1NO	3TS3110-0A..2-8K	1735.-	1
18	1NO	3TS3210-0A..2-8K	2010.-	1
25	-	3TS3300-0A..2-8K	2490.-	1
32	-	3TS3400-0A..2-8K	5480.-	1
40	-	3TS3500-0A..2-8K	7825.-	1
50	-	3TS3600-0A..2-8K	9950.-	1
65	2NO+2NC	3TS4722-0A..2-8K	14950.-	1
75	2NO+2NC	3TS4822-0A..2-8K	17630.-	1
85	2NO+2NC	3TS4922-0A..2-8K	20525.-	1
105	2NO+2NC	3TS5022-0A..2-8K	27030.-	1
140	2NO+2NC	3TS5122-0A..2-8K	32850.-	1
160	2NO+2NC	3TS5222-0A..2-8K	44675.-	1
205	2NO+2NC	3TS5322-0A..2-8K	49225.-	1
250	2NO+2NC	3TS5422-0A..2-8K	56520.-	1
300	2NO+2NC	3TS5522-0A..2-8K	71315.-	1
400	2NO+2NC	3TS5622-0A..2-8K	92240.-	1

#Coil voltage (V AC 50Hz)	110 V AC	230 V AC	415V AC
Code	F0	P0	R0

Spares for 3TS Contactors

Convertor Duty

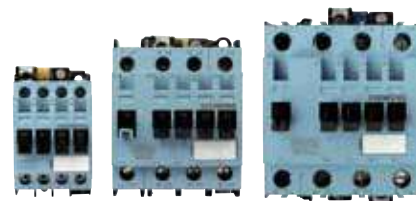
Main contact kits (set of 6 fixed & 3 moving contacts)

Contactor rating	Description	Type*	Unit LP ₹	Std. pkg. (nos.)
3TS48	Spare main contact kits	3TS9148-01-8K	11590.-	1
3TS50		3TS9150-01-8K	20675.-	1
3TS51		3TS9151-01-8K	28120.-	1
3TS52		3TS9152-01-8K	31445.-	1
3TS53		3TS9153-01-8K	44640.-	1
3TS54		3TS9154-01-8K	49615.-	1
3TS55		3TS9155-01-8K	54575.-	1
3TS56		3TS9156-01-8K	72780.-	1

Spare coils

	AC Coil*	Unit LP ₹
3TS48	3TY7463-0A..	3345.-
3TS50	3TY7483-0A..	6100.-
3TS51/52	3TY7503-0A..	6215.-
3TS53/54	3TY7523-0A..	7870.-
3TS55	3TY7543-0A..	9520.-
3TS56	3TY7563-0A..	13830.-

3TS 4 Pole Contactors for Power Applications



Contactor Size	Rated current I _e (A) AC1 at 415V	AC Coil ¹⁾	Unit LP ₹		DC Coil ¹⁾	Unit LP ₹	
			Standard Coil	Electronic Coil		Standard Coil	Electronic Coil
Size 0	18A	3TS3100-0A..4-8K	2500.-		3TS3100-0B..4-8K	4950.-	
Size 0	25A	3TS3200-0A..4-8K	2640.-		3TS3200-0B..4-8K	5610.-	
Size 1	35A	3TS3300-0A..4-8K	2975.-		3TS3300-0B..4-8K	6395.-	
Size 1	40A	3TS3400-0A..4-8K	3920.-		3TS3400-0B..4-8K	9460.-	
Size 2	45A	3TS3500-0A..4-8K	4590.-	5630.-	3TS3500-0B..4-8K		10890.-
Size 2	50A	3TS3600-0A..4-8K	5095.-	6180.-	3TS3600-0B..4-8K		13805.-
Size 2	65A	3TS3700-0A..4-8K	9995.-	11120.-	3TS3700-0B..4-8K		19420.-
Size 2	65A*	3TS3700-0A..4-8KA0	11285.-	12390.-	3TS3700-0B..4-8KA0		22270.-

1) Please add coil voltage code from table below

* 50A AC-3 rating

Size 0 & 1	Standard Coil				
	AC (50 Hz)			DC	
Code	F7	M7	R7	B4	E4
Coil Voltages	87...127 V	175...240 V	337...427 V	24 V	52...55V DC

Size 2	Standard Coil			Electronic Coil 			
	AC (50 Hz)			AC (50 Hz)		DC	
Code	F0	P0	R0	F7	M7	B4	E4
Coil Voltages	110 V	230 V	415 V	81...136 V	137...273 V	24 V	52...55V DC

Accessories

Auxiliary Contact Block	Type	Unit LP ₹
1 NO	3TX40 10-2A	400.-
1 NC	3TX40 01-2A	400.-

Mechanical Interlock	Type	Unit LP ₹
Size 0 and Size 1	3TX4091-1A	1265.-
S2	3TX4091-1A	1265.-
	+ 3TX4091-1G**	330.-

Surge Suppressor		Coil Voltage		Varistors		RC Element	
		AC	DC	Type	Unit LP ₹	Type	Unit LP ₹
Size 0, Size 1 and Size 2	Standard Coil	24 - 48 V	24 - 70 V	3TX7402-3GY1	1145.-	3TX7402-3RY2	1825.-
		48 - 127V	70 - 150V	3TX7402-3HY1	1145.-	3TX7402-3SY2	
		127 - 240V	150 - 250V	3TX7402-3JY1	1145.-	3TX7402-3TY2	
		240 - 400V	–	3TX7402-3KY1	1470.-	3TX7402-3UY2	
Size 2	Electronic Coil	81-273V AC				3TX7402-3PY2	
			24-55V			3TX7402-3QY2	

**Used only when the contactors are DIN rail mounted. Refer catalog for more details

Main Contact Kits (set of 8 fixed and 4 moving contacts)

Contactor Size	Rated current I _e (A) AC1 at 415V	For Contactor	Type	Unit LP ₹
Size 1	35A	3TS3300	3TS9133-0E	2770.-
Size 1	40A	3TS3400	3TS9134-0E	3915.-
Size 2	45A	3TS3500	3TS9135-0E	5945.-
Size 2	50A	3TS3600	3TS9136-0E	7005.-
Size 2	65A	3TS3700	3TS9137-0E	7015.-
Size 2	65A*	3TS3700	3TS9137-0A	10155.-

* 50A AC-3 rating

Spare Coils

Contactor Size	Type ²⁾	Unit LP ₹	Type ²⁾	Unit LP ₹
	AC		DC	
Size 0	3TS9231-0A..4-8K	1620.-	3TS9231-0B..4-8K	2215.-
Size 1	3TS9233-0A..4-8K	1740.-	3TS9233-0B..4-8K	2315.-
Size 2	3TS9235-0A..4-8K (Standard)	1925.-		
Size 2	3TS9235-0A..4-8K (Electronic)	2795.-	3TS9235-0B..4-8K (Electronic)	3315.-

2) Please add voltage code from table in page no 42



3TS Single Pole LED Contactors

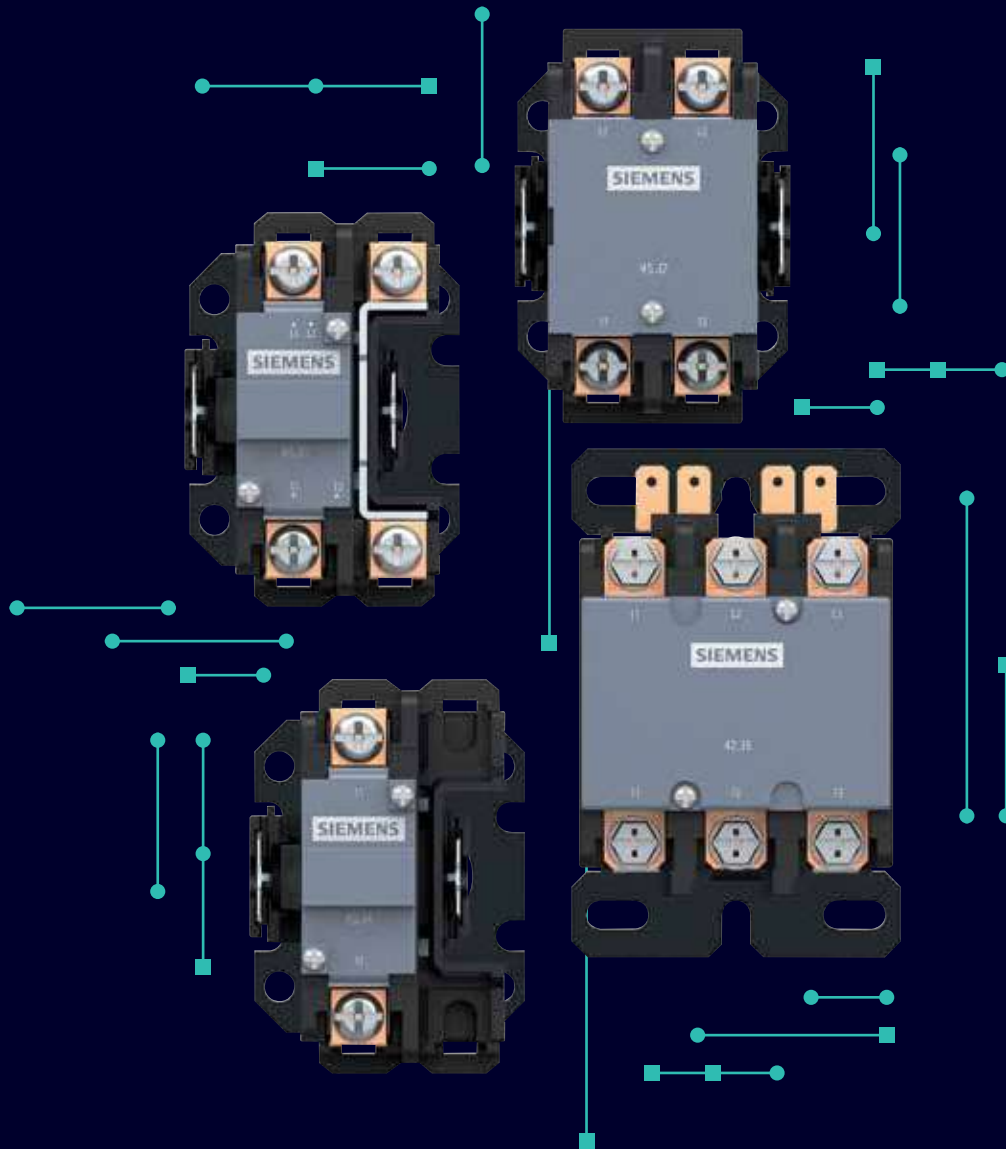
Siemens 3TS LED Contactors been designed keeping in mind the challenges in LED lamp switching applications and thus offers a highly reliable & safe solution to the customer

Available in
4000W - 3TS3210-0AM71-8K
8000W - 3TS3310-0AM71-8K

Price on request



Definite Purpose Contactors 45.J & 42.J



SIEMENS

Definite Purpose Contactors – 42.J & 45.J

Ordering data	AC 8a rating	Pan screw	Hex screw quad quick connect	Unit MRP ₹	Std pkg (nos)
1 Pole with shunt	25A ■	45CJ10A_B	45CJ10A_C	1630.-	1
	30A ■	45DJ10A_B	45DJ10A_C	1685.-	1
	40A	45EJ10A_B	45EJ10A_C	1740.-	1
1 Pole without shunt	25A ■	45CJ40A_B	45CJ40A_C	1540.-	1
	30A ■	45DJ40A_B	45DJ40A_C	1590.-	1
	40A	45EJ40A_B	45EJ40A_C	1650.-	1



Ordering data	AC 8a rating	Box with lug dual quick connect	Hex screw dual quick connect	Unit MRP ₹	Std pkg (nos)
2 Pole	20A ■	45BJ20A_D	45BJ20A_E	1955.-	1
	30A ■	45DJ20A_D	45DJ20A_E	1975.-	1
	40A ■	45EJ20A_D	45EJ20A_E	2035.-	1



Ordering data	AC 8a rating	Box with lug dual quick connect	Hex screw dual quick connect	Unit MRP ₹	Std pkg (nos)
3 Pole	20A	42BJ35A_D	42BJ35A_E	2515.-	1
	25A	42CJ35A_D	42CJ35A_E	2555.-	1
	30A	42DJ35A_D	42DJ35A_E	2580.-	1
	40A ■	42EJ35A_D	42EJ35A_E	2635.-	1
3 Pole with inbuilt 1NO+1NC aux contacts	20A	42BJ36A_D	42BJ36A_E	3115.-	1
	25A	42CJ36A_D	42CJ36A_E	3150.-	1
	30A	42DJ36A_D	42DJ36A_E	3170.-	1
	40A ■	42EJ36A_D	42EJ36A_E	3235.-	1



Please add coil code from table below

Spare coil for contactor	Type ref	Unit MRP ₹	Std pkg (nos)
1 Pole contactor	75J19A_	475.-	1
2 Pole contactor	75J29A_	575.-	1
3 Pole contactor	75J39A_	650.-	1

Please add coil code from table below

Coil Code	J	F	G	L	H	E	P
Voltage	24V AC, 50/60 Hz	120V AC, 60 Hz	240V AC, 50/60 Hz	277V AC, 60 Hz	480V AC, 60 Hz	145-180V AC, 50 Hz (available only for 1P & 2P versions)	170-240V AC, 50 Hz available for 1P & 2P

■ Standard material

Easy connecting & wiring

Switch to Spring Loaded Technology

Spring loaded connections are...

Strong



Flexible



Fast

Safe



SIEMENS

Thermal Overload Relays - 3RU

NEW

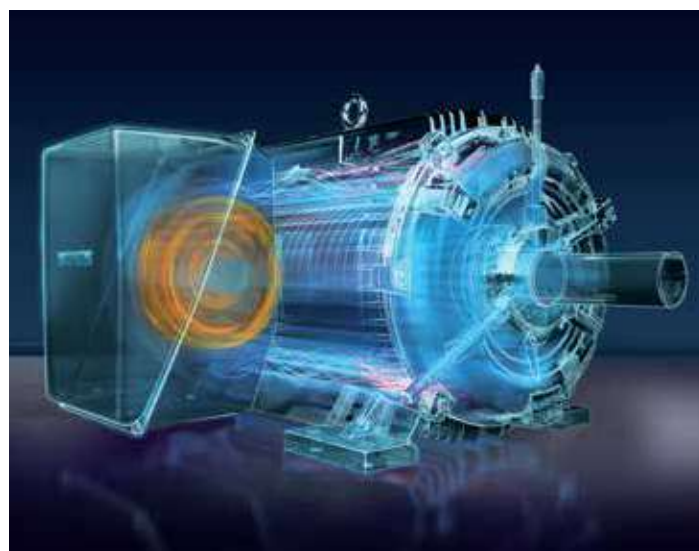


For contactor mounting - Class 10 - Screw Terminals

Size of relay / contactor	Set current value of the inverse- time delayed overload release A	Type*	Unit LP ₹	Std. pkg. (nos.)	
S00	0.11 ... 0.16	3RU2116-0AB00-8K	3955.-	1	
	0.14 ... 0.2	3RU2116-0BB00-8K			
	0.18 ... 0.25	3RU2116-0CB00-8K			
	0.22 ... 0.32	3RU2116-0DB00-8K			
	0.28 ... 0.4	3RU2116-0EB00-8K			
	0.35 ... 0.5	3RU2116-0FB00-8K	3995.-		
	0.45 ... 0.63	3RU2116-0GB00-8K			
	0.55 ... 0.8	3RU2116-0HB00-8K			
	0.7 ... 1	3RU2116-0JB00-8K			4040.-
	0.9 ... 1.25	3RU2116-0KB00-8K			
	1.1 ... 1.6	3RU2116-1AB00-8K			
	1.4 ... 2	3RU2116-1BB00-8K			
	1.8 ... 2.5	3RU2116-1CB00-8K			
	2.2 ... 3.2	3RU2116-1DB00-8K			
	2.8 ... 4	3RU2116-1EB00-8K			
	3.5 ... 5	3RU2116-1FB00-8K			
	4.5 ... 6.3	3RU2116-1GB00-8K			
	5.5 ... 8	3RU2116-1HB00-8K			
	7 ... 10	3RU2116-1JB00-8K	4330.-		
	9 ... 12.5	3RU2116-1KB00-8K			
	11 ... 16	3RU2116-4AB00-8K	4480.-		
S0	1.8 ... 2.5	3RU2126-1CB00-8K	4140.-	1	
	2.2 ... 3.2	3RU2126-1DB00-8K			
	2.8 ... 4	3RU2126-1EB00-8K			
	3.5 ... 5	3RU2126-1FB00-8K			
	4.5 ... 6.3	3RU2126-1GB00-8K			
	5.5 ... 8	3RU2126-1HB00-8K	4405.-		
	7 ... 10	3RU2126-1JB00-8K			
	9 ... 12.5	3RU2126-1KB00-8K			
	11 ... 16	3RU2126-4AB00-8K	4520.-		
	14 ... 20	3RU2126-4BB00-8K	4560.-		
	17 ... 22	3RU2126-4CB00-8K			
	20 ... 25	3RU2126-4DB00-8K			
	23 ... 28	3RU2126-4NB00-8K	7680.-		
	27 ... 32	3RU2126-4EB00-8K			
	30 ... 36	3RU2126-4PB00-8K			
	34 ... 40	3RU2126-4FB00-8K			7745.-

Size of relay / contactor	Set current value of the inverse- time delayed overload release A	Type*	Unit LP ₹	Std. pkg. (nos.)
S2	11 ... 16	3RU2136-4AB00-8K	8350.-	1
	14 ... 20	3RU2136-4BB00-8K		
	18 ... 25	3RU2136-4DB00-8K		
	22 ... 32	3RU2136-4EB00-8K		
	28 ... 40	3RU2136-4FB00-8K		
	36 ... 45	3RU2136-4GB00-8K	10530.-	
	40 ... 50	3RU2136-4HB00-8K	11240.-	
	47 ... 57	3RU2136-4QB00-8K	12640.-	
	54 ... 65	3RU2136-4JB00-8K	14035.-	
	62 ... 73	3RU2136-4KB00-8K	14450.-	
	70 ... 80	3RU2136-4RB00-8K	15360.-	
S3	28 ... 40	3RU2146-4FB00-8K	12690.-	1
	36 ... 50	3RU2146-4HB00-8K	14100.-	
	45 ... 63	3RU2146-4JB00-8K		
	57 ... 75	3RU2146-4KB00-8K		
	70 ... 90	3RU2146-4LB00-8K		
	80 ... 100	3RU2146-4MB00-8K	19250.-	

* For ordering Overload Relays with spring type terminals, please get in touch with sales office (for S00, S0 size only)



Accessory for independent mounting

For size of relay	Relay type	Type	Unit LP ₹	Std. pkg. (nos.)
S00*	3RU21, 3RB30/31, 3RR21/22/24	3RU2916-3AA01	1355.-	1
S0*	3RU21, 3RB30/31, 3RR21/22/24	3RU2926-3AA01	1400.-	1
S2	3RU21, 3RB30/31, 3RR21/22/24	3RU2936-3AA01	2285.-	1
S3	3RU21/3RB30/3RB31	3RU2946-3AA01	2695.-	1



* To order terminal supports for overload relays with spring-type terminals, please get in touch with sales office

Thermal Overload Relays - 3RU



Separate Mounting - Class 10

Size of relay / contactor	Rating for induction motor Rated value kW	Set current value of the inverse-time delayed overload release A	Type*	Unit LP ₹	Std. pkg. (nos.)
S6	45	70 - 100	3RU2156-5BB10-8K	17820.-	1
	55	90 - 125	3RU2156-5CB10-8K	18850.-	1
	75	110 - 160	3RU2156-5DB10-8K	18875.-	1
	110	140 - 200	3RU2156-5EB10-8K		1
	45	70 - 100	3RU2156-5BW10-8K ^{\$}		1
	55	90 - 125	3RU2156-5CW10-8K ^{\$}		1
	75	110 - 160	3RU2156-5DW10-8K ^{\$}		1
	110	140 - 200	3RU2156-5EW10-8K ^{\$}		1
S10	110	140 - 200	3RU2166-5EB10-8K	25210.-	1
	132	180 - 250	3RU2166-5FB10-8K		1
	160	220 - 320	3RU2166-5GB10-8K		1
S12	200	280 - 400	3RU2176-5HB10-8K	32090.-	1
	250	350 - 500	3RU2176-5JB10-8K	32695.-	1

Separate Mounting - Class 30

Size of relay / contactor	Rating for induction motor Rated value kW	Set current value of the inverse-time delayed overload release A	Type*	Unit LP ₹	Std. pkg. (nos.)
S6	37	55 - 80	3RU2356-5AB10-8K	32090.-	1
	45	70 - 100	3RU2356-5BB10-8K		1
	55	90 - 125	3RU2356-5CB10-8K		1
	37	55 - 80	3RU2356-5AW10-8K ^{\$}		1
	45	70 - 100	3RU2356-5BW10-8K ^{\$}		1
	55	90 - 125	3RU2356-5CW10-8K ^{\$}		1
S10	75	110 - 160	3RU2366-5DB10-8K	32090.-	1
	110	140 - 200	3RU2366-5EB10-8K		1
S12	132	180 - 250	3RU2376-5FB10-8K	32090.-	1
	160	220 - 320	3RU2376-5GB10-8K		1

* For heavy duty applications (starting time > 10s), it is recommended to use 3RU class 30 relays to avoid nuisance tripping and reliable protection.

\$ Range available with straight through transformer





Widest range electronic overload relays

Microprocessor based overload relay - 3RB

Size	Current setting range A	3RB (Class 10E)		3RB (Class 20E)		3RB (Class 5 to 30E – Settable)		Std. pkg. (nos.)
		With overload, phase failure and phase unbalance protections		With overload, phase failure and phase unbalance protections		With overload, phase failure and phase unbalance and earth fault protection		
		Type*	Unit LP ₹	Type*	Unit LP ₹	Type*	Unit LP ₹	
S00	0.1 ... 0.4	3RB3016-1RB0	10395.-	3RB3016-2RB0	12980.-	3RB3113-4RB0	21690.-	1
	0.32 ... 1.25	3RB3016-1NB0		3RB3016-2NB0		3RB3113-4NB0		1
	1 ... 4	3RB3016-1PB0		3RB3016-2PB0		3RB3113-4PB0		1
	3 ... 12	3RB3016-1SB0		3RB3016-2SB0		3RB3113-4SB0		1
	4 ... 16	3RB3016-1TB0		3RB3016-2TB0		3RB3113-4TB0		1
S0	0.1 ... 0.4	3RB3026-1RB0	12090.-	3RB3026-2RB0	15080.-	3RB3123-4RB0	22675.-	1
	0.32 ... 1.25	3RB3026-1NB0		3RB3026-2NB0		3RB3123-4NB0		1
	1 ... 4	3RB3026-1PB0		3RB3026-2PB0		3RB3123-4PB0		1
	3 ... 12	3RB3026-1SB0		3RB3026-2SB0		3RB3123-4SB0		1
	6 ... 25	3RB3026-1QB0		3RB3026-2QB0		3RB3123-4QB0		1
	10 ... 40	3RB3026-1VB0		3RB3026-2VB0		3RB3123-4VB0		1
S2	12.5 ... 50	3RB3036-1UB0®	18325.-	3RB3036-2UB0®	22870.-	3RB3133-4UB0®	29600.-	1
	20 ... 80	3RB3036-1WB0®	27630.-	3RB3036-2WB0®	34565.-	3RB3133-4WB0®	38595.-	1
	12.5 ... 50	3RB3036-1UW1#	18325.-	3RB3036-2UW1#	22870.-	3RB3133-4UW1#	29600.-	1
	20 ... 80	3RB3036-1WW1#	27630.-	3RB3036-2WW1#	34565.-	3RB3133-4WW1#	38595.-	1
S3	12.5 ... 50	3RB3046-1UB0®	21740.-	3RB3046-2UB0®	27190.-	3RB3143-4UB0®	38620.-	1
	32 ... 115	3RB3046-1XB0®	28325.-	3RB3046-2XB0®	35580.-	3RB3143-4XB0®	39400.-	1
	12.5 ... 50	3RB3046-1UW1#	23275.-	3RB3046-2UW1#	28725.-	3RB3143-4UW1#	39230.-	1
	32 ... 115	3RB3046-1XW1#	28500.-	3RB3046-2XW1#	35580.-	3RB3143-4XW1#	39400.-	1
S6	50 ... 200	3RB2056-1FC2&	34815.-	3RB2056-2FC2&	43525.-	3RB2153-4FC2&	52100.-	1
S6	50 ... 200	3RB2056-1FW2\$		3RB2056-2FW2\$		3RB2153-4FW2\$		1
S10/12	55 ... 250	3RB2066-1GC2&	37990.-	3RB2066-2GC2&	52880.-	3RB2163-4GC2&	53125.-	1
S10/12	160 ... 630	3RB2066-1MC2&	67605.-	3RB2066-2MC2&	84520.-	3RB2163-4MC2&	87540.-	1

* For size S00 & S0: To order relay with spring type terminals, please replace 10th digit from 'B' to 'E'

Devices with straight-through transformer for stand-alone installation

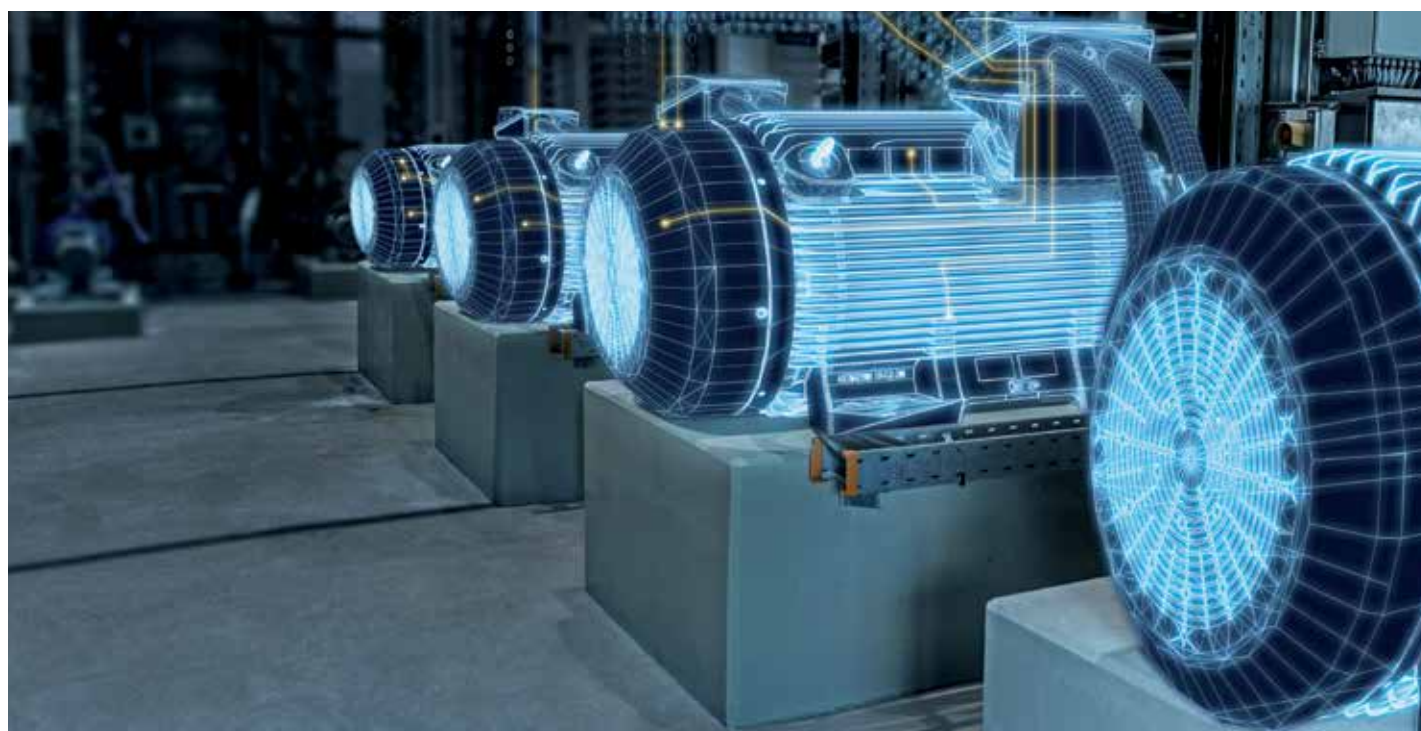
@ Devices with screw terminals for mounting onto contactor.

& Devices with busbar connection for mounting onto contactor or stand-alone installation.

\$ Devices with straight-through transformer for mounting onto contactor with Box terminals or stand-alone installation.

Accessories for 3RU2 Thermal overload relays and 3RB3 solid state overload relays

Accessory Type	Version	Size	3RU2 Thermal overload relay	3RB30/31 solid state overload relay	Type	Unit LP ₹	Std. pkg. (nos.)
Mechanical Reset	Resetting plungers, holders & formers	S00, S0, S6-S12	✓	X	3RU2900-1A	1550.-	1
	Resetting plungers, holders & formers		X	✓	3RB3980-0A	875.-	1
	Pushbuttons with extended stroke (12 mm), IP65, Dia 22 mm		✓	✓	3SU1200-0FB10-0AA0	5180.-	1
	Extension plungers		✓	✓	3SU1900-0KG10-0AA0	480.-	1
Cable releases with holder for RESET	Length 400mm	S00, S0, S6-S12	✓	X	3RU2900-1B	4345.-	1
	Length 600mm		✓	X	3RU2900-1C		1
	Length 400mm		X	✓	3RB3980-0B	8445.-	1
	Length 600mm		X	✓	3RB3980-0C		1
Module for remote reset, electrical	24 ... 30 V AC/DC	S00, S0, S6-S12	✓	X	3RU1900-2AB71	5455.-	1
	110 ... 127 V AC/DC		✓	X	3RU1900-2AF71		
	220 ... 250 V AC/DC		✓	X	3RU1900-2AM71		
Sealable covers for covering the setting knob	For 3RB30/3RB31	S00, S0, S6-S12	X	✓	3RB3984-0	4000.-	1
	For 3RU2 / 3RV2		✓	X	3RV2908-0P	215.-	10
Terminal Covers for busbar connections	Length 55 mm	S3			3RT1946-4EA1	1520.-	1
	Length 100 mm	S6	✓	✓	3RT1956-4EA1	2905.-	1
	Length 120 mm	S10, S12	✓	✓	3RT1966-4EA1	3820.-	1
Terminal Cover for Box Terminals	Length 20.6 mm	S2	✓	✓	3RT2936-4EA2	370.-	1
	Length 20.8 mm	S3	✓	✓	3RT2946-4EA2	1045.-	1
	Length 25 mm	S6	✓	✓	3RT1956-4EA2	1700.-	1
	Length 30 mm	S10/12	✓	✓	3RT1966-4EA2	2990.-	1



Thermal overload relays - 3UA / 3UC

Bimetal relay	Current type of mounting	Current setting range A	Type	Unit LP ₹	Std. pkg. (nos.)
3UA50	Contactor® mounting (3TF30/31)	0.1 – 0.16	3UA5000-0A	4070.-	1
		0.16 – 0.25	3UA5000-0C		
		0.25 – 0.4	■ 3UA5000-0E		
		0.4 – 0.63	■ 3UA5000-0G		
		0.63 – 1	■ 3UA5000-0J		
		0.8 – 1.25	■ 3UA5000-0K		
		1 – 1.6	■ 3UA5000-1A		
		1.25 – 2	■ 3UA5000-1B		
		1.6 – 2.5	■ 3UA5000-1C	4090.-	1
		2 – 3.2	■ 3UA5000-1D		
		2.5 – 4	■ 3UA5000-1E		
		3.2 – 5	■ 3UA5000-1F		
		4 – 6.3	■ 3UA5000-1G		
		5 – 8	■ 3UA5000-1H		
		6.3 – 10	■ 3UA5000-1J	4120.-	1
		8 – 12.5	■ 3UA5000-1K		1
		10 – 14.5	■ 3UA5000-2S		1
3UA52	Contactor® mounting (3TF32/33)	1 – 1.6	3UA5200-1A	4230.-	1
		1.25 – 2	3UA5200-1B		1
		1.6 – 2.5	3UA5200-1C		1
		2 – 3.2	3UA5200-1D		1
		2.5 – 4	3UA5200-1E		1
		3.2 – 5	3UA5200-1F		1
		4 – 6.3	■ 3UA5200-1G	4240.-	1
		5 – 8	■ 3UA5200-1H		1
		6.3 – 10	■ 3UA5200-1J		1
		8 – 12.5	■ 3UA5200-1K		1
		10 – 16	■ 3UA5200-2A	4620.-	1
		12.5 – 20	■ 3UA5200-2B		1
		16 – 25	■ 3UA5200-2C		1
		25 – 36	■ 3UA5200-2D		1
3UA55	Contactor® mounting (3TF34/35, 44/45)	10 – 16	■ 3UA5500-2A	7225.-	1
		12.5 – 20	■ 3UA5500-2B		1
		16 – 25	■ 3UA5500-2C		1
		20 – 32	■ 3UA5500-2D		1
		25 – 36	■ 3UA5500-2Q	7520.-	1
		32 – 40	■ 3UA5500-2R		1
		36 – 45	■ 3UA5500-8M		1
		16 – 25	3UA5800-2CZ1	13025.-	1
		20 – 32	3UA5800-2DZ1		1
		25 – 40	3UA5800-2EZ1		1
3UA58-Z1	Contactor® mounting (3TF46, 3TF47, 3TF48, 3TF49)	32 – 50	■ 3UA5800-2FZ1	11120.-	1
		40 – 57	■ 3UA5800-2TZ1		1
		50 – 63	■ 3UA5800-2PZ1	13025.-	1
		57 – 70	■ 3UA5800-2VZ1		1
		63 – 80	■ 3UA5800-2UZ1		1
		70 – 95	■ 3UA5800-8YZ1		1
		16 – 25	3UA5800-2CZ2	13025.-	1
		20 – 32	3UA5800-2DZ2	13025.-	1
		25 – 40	3UA5800-2EZ2	13025.-	1
		32 – 50	■ 3UA5800-2FZ2	11180.-	1
		40 – 57	■ 3UA5800-2TZ2		1
		50 – 63	■ 3UA5800-2PZ2	13115.-	1
		57 – 70	■ 3UA5800-2VZ2		1
		63 – 80	■ 3UA5800-2UZ2		1
3UA58 30	Contactor® mounting (3TF50)	70 – 95	■ 3UA5830-5B	14355.-	1
		85 – 105	■ 3UA5830-5C	14630.-	1
		95 – 120	■ 3UA5830-5D		1
3UA62	Independent mounting	85 – 135	■ 3UA6230-5A	20855.-	1
		115 – 180	■ 3UA6230-5B		1
		160 – 250	■ 3UA6230-5C	28825.-	1
		200 – 320	■ 3UA6230-5D	29675.-	1
3UA68		250 – 400	■ 3UA6230-5E		1
		320 – 500	3UA6830-5F	38345.-	1
		400 – 630	3UA6830-5G		1

@ Can be converted to independent mounting using accessory.

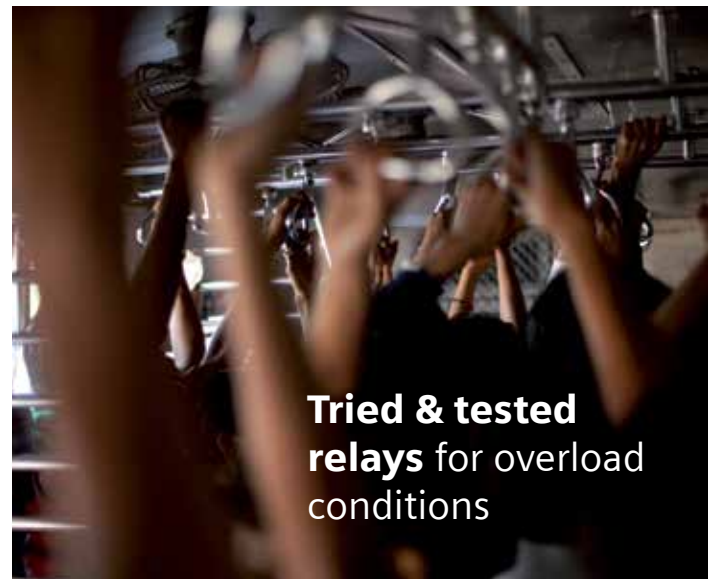
Relays for heavy starting applications, independent mounting

Current setting range A	Type	Unit LP ₹	Current setting range A	Type	Unit LP ₹	Std. pkg. (nos.)
2.5 – 4	3UC5030-5E	36265.-	40 – 63	3UC5830-5G	36265.-	1
4 – 6.3	3UC5030-5G		63 – 100	3UC6230-5J	36955.-	1
6.3 – 10	3UC5030-5J		100 – 160	3UC6230-5A		1
8 – 12.5	3UC5030-5K		125 – 200	3UC6630-5B		1
10 – 16	3UC5830-5A		160 – 250	3UC6630-5C		1
16 – 25	3UC5830-5C		250 – 400	3UC6630-5E		1
25 – 40	3UC5830-5E					

Note: Relays always supplied in manual execution, can be converted at site to auto execution.

Accessories for 3UA birelays

Description	For relay type	Type	Unit LP ₹	Std. pkg. (nos.)
Accessory for independent mounting	3UA50	■ 3UX1418	905.-	1
	3UA52	■ 3UX1420	955.-	1
	3UA55	■ 3UX1425	1150.-	1
	3UA58	■ 3UX1421	1205.-	1
	3UA58 30	■ 3UX1421-0XA	1300.-	1
Resetting plunger funnel	3UA5/6, 3UC5/6	3UX1011 3UX1013	420.-	10 10
Reset cord + holder: 400 mm length 600 mm length	3UA5/6, 3UC5/6	3UX1015 3UX1016	580.-	5 5
Protection cover	3UA5/6 except 3UA58/ 3UA5830	3UX11111YA	490.-	10
Set of 3 terminals to convert from 3UA5800-2. or 3UA5800-2.Z2 to 3UA5800-2.Z1 3UA5800-2.Z1 or 3UA5800-2.Z2 to 3UA5800-2. 3UA5800-2. or 3UA5800-2.Z1 to 3UA5800-2.Z2		3UX5811 3UX5812 3UX5813	325.-	10 10 10



**Tried & tested
relays for overload
conditions**

■ Stock items

MRP - Maximum Retail Price

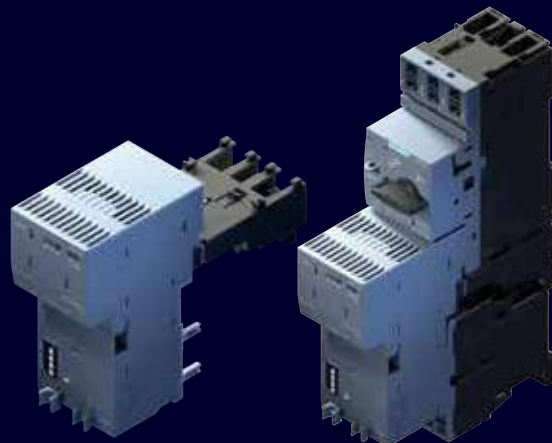
LP - List Price

Siemens Limited Low Voltage Control Products Price List Eff. 05.04.2026 51

SIRIUS 3RC7 Intelligent Link Modules

NEW

SIRIUS Modular System goes digital



Part of the automation



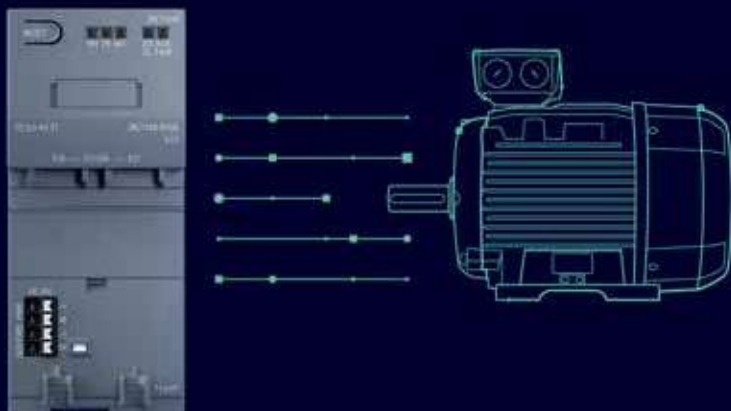
Transparency all the way
to the field level



Proactive protection



Minimal effort



3RA8 is a combination of SIRIUS 3RV2 circuit breaker, SIRIUS 3RT2 contactor and the SIRIUS 3RC7 intelligent link module – fully assembled, certified combinations and ready for use.



3RC7 SIRIUS Intelligent Link Module (ILM) makes the SIRIUS modular system capable of communication and parameterization. This allows to measure, monitor, react and report, becoming one with the Automation System

More information
[siemens.com/sirius-ilm](https://www.siemens.com/sirius-ilm)



Discover
more!

SIEMENS

SIRIUS 3RC7 Intelligent Link Modules

NEW

Standard Feature

Description	Type
ILM ST Direct Starter 0.4-4 A (S00)	3RC7140-1EE00
ILM ST Reversing Starter 0.4-4 A (S00)	3RC7141-1EE00
ILM ST Direct Starter 1.2-12 A (S00)	3RC7140-1KE00
ILM ST Reversing Starter 1.2-12 A (S00)	3RC7141-1KE00
ILM ST Direct Starter 3.5-32 A (S0)	3RC7140-4EE01
ILM ST Reversing Starter 3.5-32 A (S0)	3RC7141-4EE01

Communication Cable

between ET 200SP BusAdapter and 3RC7 ILM



Description	Type
Length 0.5 m	3RC7940-0TE10
Length 2 m	3RC7940-0TE20
Length 5 m	3RC7940-0TE30
Length 10 m	3RC7940-0TE40

From 3RC7 ILM to 3RC7 ILM

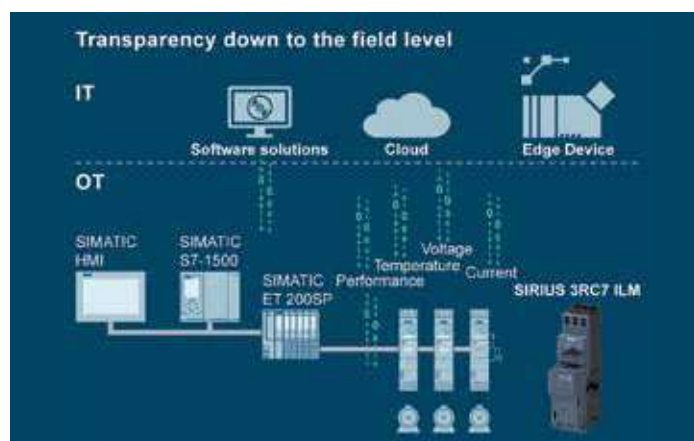
Description	Type
For direct-on-line starters (side-by-side mounting)	3RC7940-0TE01
For reversing starters (side-by-side mounting)	3RC7940-0TE02
Length 0.75 m	3RC7940-0TE03
Length 1.5 m	3RC7940-0TE04
Length 2 m	3RC7940-0TE05

High Feature

Description	Type
ILM HF Direct Starter 0.4-4 A (S00)	3RC7140-1EE10
ILM HF Reversing Starter 0.4-4 A (S00)	3RC7141-1EE10
ILM HF Direct Starter 1.2-12 A (S00)	3RC7140-1KE10
ILM HF Reversing Starter 1.2-12 A (S00)	3RC7141-1KE10
ILM HF Direct Starter 3.5-32 A (S0)	3RC7140-4EE11
ILM HF Reversing Starter 3.5-32 A (S0)	3RC7141-4EE11

Power Cable

Description	Type
For direct-on-line starters	3RC7940-1TE01
For reversing starters	3RC7940-1TE02



SIRIUS 3RA8 Intelligent Load Feeders

Standard Feature

Description	Type
ILF ST Direct Starter 0.4-4 A (S00)	3RA8412-1EE00
ILF ST Reversing Starter 0.4-4 A (S00)	3RA8512-1EE00
ILF ST Direct Starter 1.2-12 A (S00)	3RA8411-1KE00
ILF ST Reversing Starter 1.2-12 A (S00)	3RA8511-1KE00
ILF ST Direct Starter 3.5-32 A (S0)	3RA8422-4EE00
ILF ST Reversing Starter 3.5-32 A (S0)	3RA8522-4EE00

High Feature

Description	Type
ILF HF Direct Starter 0.4-4 A (S00)	3RA8412-1EE10
ILF HF Reversing Starter 0.4-4 A (S00)	3RA8512-1EE10
ILF HF Direct Starter 1.2-12 A (S00)	3RA8411-1KE10
ILF HF Reversing Starter 1.2-12 A (S00)	3RA8511-1KE10
ILF HF Direct Starter 3.5-32 A (S0)	3RA8422-4EE10
ILF HF Reversing Starter 3.5-32 A (S0)	3RA8522-4EE10

More information

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Discover more!

Motor Protection Circuit Breakers - 3RV



Class 10, without auxiliary switch, standard switching capacity, screw terminals

MPCB Specifications			MPCB with Standard release ¹⁾		MPCB with "relay function" ²⁾		MPCB with "Mag only" Release ³⁾		MPCB for transformer protection	
MPCB Size	MPCB rated current A	MPCB overload range A	Type*	Unit LP ₹	Type*	Unit LP ₹	Type*	Unit LP ₹	Type*	Unit LP ₹
S00	0.16	0.11...0.16	3RV2011-0AA10	8800.-	3RV2111-0AA10	11135.-	3RV2311-0AC10	8650.-	3RV2411-0AA10	14975.-
	0.2	0.14...0.2	3RV2011-0BA10		3RV2111-0BA10		3RV2311-0BC10		3RV2411-0BA10	
	0.25	0.18...0.25	3RV2011-0CA10		3RV2111-0CA10		3RV2311-0CC10		3RV2411-0CA10	
	0.32	0.22...0.32	3RV2011-0DA10		3RV2111-0DA10		3RV2311-0DC10		3RV2411-0DA10	
	0.4	0.28...0.4	3RV2011-0EA10	10165.-	3RV2111-0EA10	12845.-	3RV2311-0EC10	9950.-	3RV2411-0EA10	15860.-
	0.5	0.35...0.5	3RV2011-0FA10		3RV2111-0FA10		3RV2311-0FC10		3RV2411-0FA10	
	0.63	0.45...0.63	3RV2011-0GA10		3RV2111-0GA10		3RV2311-0GC10		3RV2411-0GA10	
	0.8	0.55...0.8	3RV2011-0HA10		3RV2111-0HA10		3RV2311-0HC10		3RV2411-0HA10	
	1	0.7...1	3RV2011-0JA10	10465.-	3RV2111-0JA10		3RV2311-0JC10	10235.-	3RV2411-0JA10	16000.-
	1.25	0.9...1.25	3RV2011-0KA10		3RV2111-0KA10		3RV2311-0KC10		3RV2411-0KA10	
	1.6	1.1...1.6	3RV2011-1AA10		3RV2111-1AA10		3RV2311-1AC10		3RV2411-1AA10	
	2	1.4...2	3RV2011-1BA10		3RV2111-1BA10		3RV2311-1BC10		3RV2411-1BA10	
	2.5	1.8...2.5	3RV2011-1CA10	10550.-	3RV2111-1CA10	12960.-	3RV2311-1CC10	10325.-	3RV2411-1CA10	17525.-
	3.2	2.2...3.2	3RV2011-1DA10	10650.-	3RV2111-1DA10	13325.-	3RV2311-1DC10	10430.-	3RV2411-1DA10	
	4	2.8...4	3RV2011-1EA10		3RV2111-1EA10		3RV2311-1EC10		3RV2411-1EA10	
	5	3.5...5	3RV2011-1FA10		3RV2111-1FA10		3RV2311-1FC10		3RV2411-1FA10	
	6.3	4.5...6.3	3RV2011-1GA10	10960.-	3RV2111-1GA10	13445.-	3RV2311-1GC10	10625.-	3RV2411-1GA10	
	8	5.5...8	3RV2011-1HA10	11320.-	3RV2111-1HA10	14310.-	3RV2311-1HC10	11070.-	3RV2411-1HA10	
	10	7...10	3RV2011-1JA10	11750.-	3RV2111-1JA10	14435.-	3RV2311-1JC10	11180.-	3RV2411-1JA10	
S0	12.5	9...12.5	3RV2011-1KA10	12655.-	3RV2111-1KA10	15270.-	3RV2311-1KC10	11860.-	3RV2411-1KA10	18050.-
	16	10...16	3RV2011-4AA10	14755.-	3RV2111-4AA10	17160.-	3RV2311-4AC10	13350.-	3RV2411-4AA10	
	16	10 ... 16	3RV2021-4AA10	14920.-	3RV2121-4AA10	17720.-	3RV2321-4AC10	13500.-	3RV2421-4AA10	
	20	13 ... 20	3RV2021-4BA10	15935.-	3RV2121-4BA10	19800.-	3RV2321-4BC10	15535.-	3RV2421-4BA10	
	22	16 ... 22	3RV2021-4CA10		3RV2121-4CA10		3RV2321-4CC10		3RV2421-4CA10	
	25	18 ... 25	3RV2021-4DA10		3RV2121-4DA10		3RV2321-4DC10		3RV2421-4DA10	
	28	23 ... 28	3RV2021-4NA10		3RV2121-4NA10	44455.-	3RV2321-4NC10	25885.-	-	
	32	27 ... 32	3RV2021-4EA10	26875.-	3RV2121-4EA10		3RV2321-4EC10		-	
S2	36	30 ... 36	3RV2021-4PA10	30715.-	-		3RV2321-4PC10	29860.-	-	35995.-
	40	34 ... 40	3RV2021-4FA10		-		3RV2321-4FC10		-	
	25	18 ... 25	3RV2031-4DA10		3RV2131-4DA10	45390.-	3RV2331-4DC10	26405.-	3RV2431-4DA10	
	32	22 ... 32	3RV2031-4EA10		3RV2131-4EA10		3RV2331-4EC10		3RV2431-4EA10	
	36	28 ... 36	3RV2031-4PA10	31550.-	3RV2131-4PA10		3RV2331-4PC10	30190.-	3RV2431-4PA10	
	40	32 ... 40	3RV2031-4UA10		3RV2131-4UA10		3RV2331-4UC10		3RV2431-4UA10	
	45	35 ... 45	3RV2031-4VA10		3RV2131-4VA10	52505.-	3RV2331-4VC10	36415.-	3RV2431-4VA10	
	52	42 ... 52	3RV2031-4WA10	38520.-	3RV2131-4WA10		3RV2331-4WC10		3RV2431-4WA10	
S3	59	49 ... 59	3RV2031-4XA10	39750.-	3RV2131-4XA10	55195.-	3RV2331-4XC10	36710.-	3RV2431-4XA10	50540.-
	65	54 ... 65	3RV2031-4JA10	40510.-	3RV2131-4JA10		3RV2331-4JC10		3RV2431-4JA10	
	73	62 ... 73	3RV2031-4KA10	42505.-	3RV2131-4KA10		3RV2331-4KC10	38550.-	-	
	80	70 ... 80	3RV2031-4RA10		3RV2131-4RA10		3RV2331-4RC10		-	
	50	36 ... 50	3RV2041-4HA10	39860.-	3RV2142-4HA10	56140.-	3RV2341-4HC10	36595.-	-	
	63	45 ... 63	3RV2041-4JA10	40230.-	3RV2142-4JA10		3RV2341-4JC10		-	
	75	57 ... 75	3RV2041-4KA10	42235.-	3RV2142-4KA10		3RV2341-4KC10		-	
	84	65 ... 84	3RV2041-4RA10		3RV2142-4RA10		3RV2341-4RC10	38810.-	-	
	93	75 ... 93	3RV2041-4YA10	43040.-	3RV2142-4YA10	59020.-	3RV2341-4YC10		-	-
	100	80 ... 100	3RV2041-4MA10	43430.-	3RV2142-4MA10		3RV2341-4MC10	39160.-	-	

1) MPCB trips on SC and also on OL

2) MPCB trips on SC and opens contactor on OL

3) MPCB trips on SC

* Spring type terminals are not available for relay function MPCB 3RV21

* 3RV20 and 3RV23: For ordering spring type terminal please replace 11th digit from "1" to "2" (available upto 32A in S00 and S0 only)

Standard packing for all above products is 1 no.

Class 10, without auxiliary switch, increased switching capacity (100kA), screw terminals

MPCB Specifications			MPCB with Standard release ¹⁾		MPCB with "relay function" ²⁾		MPCB with "Mag only" Release ³⁾	
MPCB Size	MPCB rated current A	MPCB overload range A	Type	Unit LP ₹	Type	Unit LP ₹	Type	Unit LP ₹
S2	25	18 ... 25	3RV2032-4DA10	36820.-	—	—	3RV2332-4DC10	31715.-
	32	22 ... 32	3RV2032-4EA10	39865.-	—	—	3RV2332-4EC10	
	36	28 ... 36	3RV2032-4PA10	42930.-	—	—	3RV2332-4PC10	35255.-
	40	32 ... 40	3RV2032-4UA10	46200.-	—	—	3RV2332-4UC10	43650.-
	45	35 ... 45	3RV2032-4VA10	51115.-	—	—	3RV2332-4VC10	
	52	42 ... 52	3RV2032-4WA10	51580.-	—	—	3RV2332-4WC10	44050.-
	59	49 ... 59	3RV2032-4XA10	52040.-	—	—	3RV2332-4XC10	
	65	54 ... 65	3RV2032-4JA10		—	—	3RV2332-4JC10	46265.-
	73	62 ... 73	3RV2032-4KA10	59090.-	—	—	3RV2332-4KC10	
	80	70 ... 80	3RV2032-4RA10	62270.-	—	—	3RV2332-4RC10	47160.-
S3	40	28 ... 40	3RV2042-4FA10	46270.-	3RV2142-4FA10	51090.-	3RV2342-4FC10	
	50	36 ... 50	3RV2042-4HA10	51820.-	3RV2142-4HA10	56140.-	3RV2342-4HC10	50050.-
	63	45 ... 63	3RV2042-4JA10	52535.-	3RV2142-4JA10		3RV2342-4JC10	
	75	57 ... 75	3RV2042-4KA10	60000.-	3RV2142-4KA10	59020.-	3RV2342-4KC10	52555.-
	84	65 ... 84	3RV2042-4RA10	62670.-	3RV2142-4RA10		3RV2342-4RC10	
	93	75 ... 93	3RV2042-4YA10		3RV2142-4YA10		3RV2342-4YC10	
	100	80 ... 100	3RV2042-4MA10	63245.-	3RV2142-4MA10		3RV2342-4MC10	53035.-

Class 20, without auxiliary switch, screw terminals

MPCB Specifications					MPCB with Standard release ¹⁾		Std. pkg. (nos.)
MPCB Size	MPCB rated current A	MPCB overload range A	MPCB Short circuit setting A	Breaking capacity kA	Type ¹⁾	Unit LP ₹	
S2	14	9.5 ... 14	208	65	3RV2031-4SB10	35185.-	1
	17	12 ... 17	260	65	3RV2031-4TB10		1
	20	14 ... 20	260	65	3RV2031-4BB10		1
	25	18 ... 25	325	65	3RV2031-4DB10	38880.-	1
	32	22 ... 32	416	65	3RV2031-4EB10	41635.-	1
	36	28 ... 36	520	65	3RV2031-4PB10	43775.-	1
	40	32 ... 40	585	65	3RV2031-4UB10	46130.-	1
	45	35 ... 45	650	65	3RV2031-4VB10	50435.-	1
	52	42 ... 52	741	65	3RV2031-4WB10	51220.-	1
	59	49 ... 59	845	65	3RV2031-4XB10	51785.-	1
S3	65	54 ... 65	845	65	3RV2031-4JB10		1
	40	28 ... 40	520	100	3RV2042-4FB10	53670.-	1
	50	36 ... 50	650	100	3RV2042-4HB10		1
	63	45 ... 63	819	100	3RV2042-4JB10		1
	75	57 ... 75	975	100	3RV2042-4KB10		1
	84	65 ... 84	1170	100	3RV2042-4RB10		1
	93	75 ... 93	1300	100	3RV2042-4YB10		1
	100	80 ... 100	1300	100	3RV2042-4MB10	54160.-	1

1) MPCB trips on SC and also on OL

2) MPCB trips on SC and opens contactor on OL

3) MPCB trips on SC

Standard packing for all above products is 1 no.

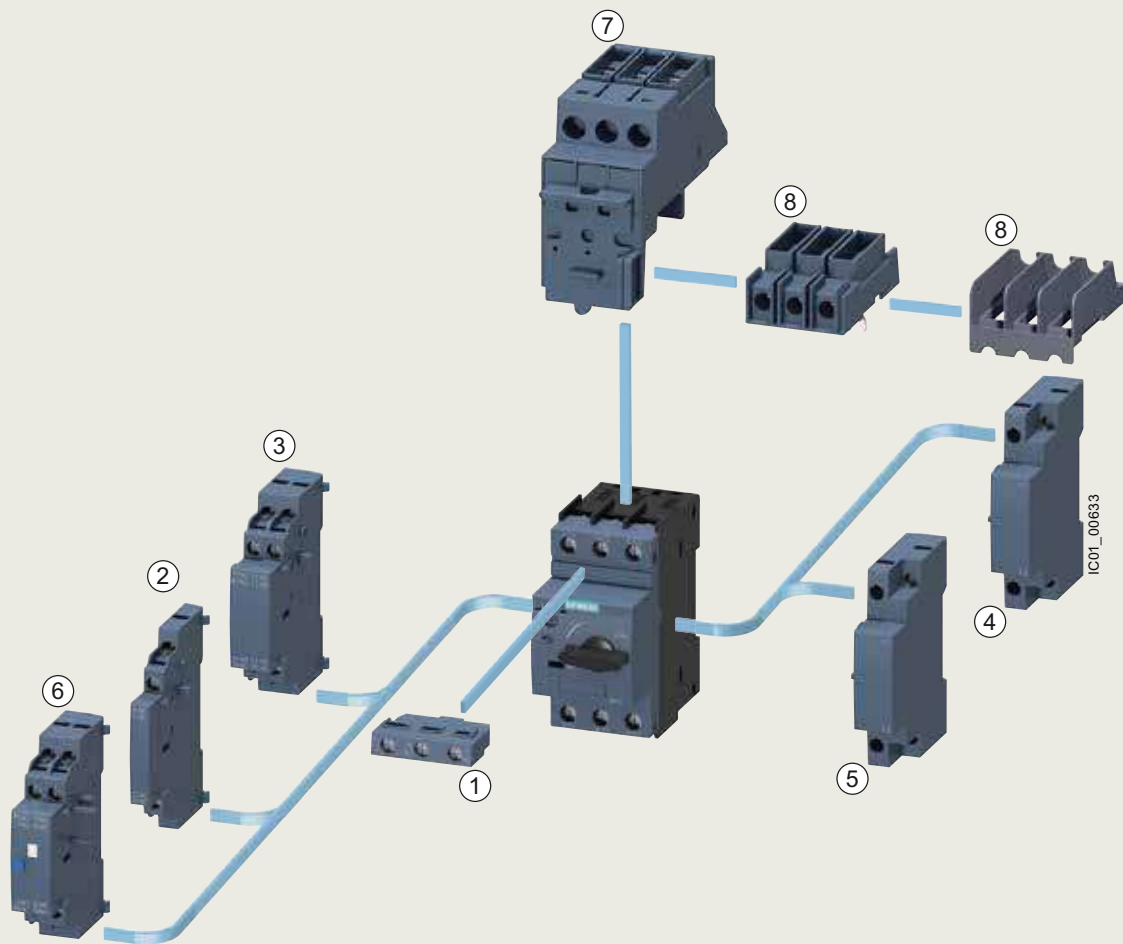
Circuit breaker size S00 for motor protection, Toggle Switch

Rating	Type *	Unit LP ₹	Rating	Type *	Unit LP ₹
0.11...0.16	3RV1011-0AA10	8305.-	1.1...1.6	3RV1011-1AA10	10255.-
0.14 ... 0.2	3RV1011-0BA10		1.4 ... 2	3RV1011-1BA10	
0.18...0.25	3RV1011-0CA10		1.8...2.5	3RV1011-1CA10	
0.22 ... 0.32	3RV1011-0DA10	8780.-	2.2 ... 3	3RV1011-1DA10	10295.-
0.28...0.4	3RV1011-0EA10		2.8...4	3RV1011-1EA10	
0.35 ... 0.5	3RV1011-0FA10		3.5 ... 5	3RV1011-1FA10	
0.45...0.63	3RV1011-0GA10	10180.-	4.5 ... 6	3RV1011-1GA10	10750.-
0.55 ... 0.8	3RV1011-0HA10		5.5 ... 8	3RV1011-1HA10	
0.7...1	3RV1011-0JA10		7 ... 10	3RV1011-1JA10	
0.9 ... 1.25	3RV1011-0KA10	10255.-	9 ... 12	3RV1011-1KA10	11810.-



Standard packing for all above products is 1 no.

* Use with accessories for 3RV2.



Accessories complimenting the application

Mountable accessories

- ① Transverse auxiliary switch
- ② Lateral auxiliary switch with 2 contacts
- ③ Lateral auxiliary switch with 4 contacts
- ④ Shunt release (can not be used with 3RV21 motor starter protectors)
- ⑤ Undervoltage release without/with leading contacts (can not be used with 3RV21 motor starter protectors)
- ⑥ Signaling switch (can not be used with 3RV27 and 3RV28 circuit breakers)
- ⑦ Isolator module (can not be used with 3RV2.4, 3RV27 and 3RV28 circuit breakers)
- ⑧ Terminal block type E or phase barriers

SIEMENS

Accessories for 3RV2

Mountable accessories

Type of accessory	Version	MPCB size	Type*	Unit LP ₹	Std. pkg. (nos.)
Transverse auxiliary switches With screw terminals, mountable on front	1 CO	S00 ... S3	3RV2901-1D#	1520.-	1
	1 NO + 1 NC	S00 ... S3	3RV2901-1E	1955.-	1
	2NO	S00 ... S3	3RV2901-1F	1990.-	1
Transverse auxiliary switches for operation in dusty atmospheres and in solid-state circuits with low operating currents	1 CO	S00 ... S3	3RV2901-1G#	6000.-	1
Covers for transverse auxiliary switches		S00 ... S3	3RV2901-0H#	895.-	10
Lateral auxiliary switches with screw terminals mountable on the left	1 NO + 1 NC	S00 ... S3	3RV2901-1A	2155.-	1
	2 NO		3RV2901-1B	2015.-	1
	2 NC		3RV2901-1C		1
	2 NO + 2 NC		3RV2901-1J#	3445.-	1
Signaling switches (Alarm contacts) Mountable on the left side	Separate tripped and short-circuit alarms, 1 NO + 1 NC each	S00 ... S3	3RV2921-1M	3730.-	1
Isolator modules (for isolating individual MPCB)	Lockable in disconnected position	S00, S0	3RV2928-1A#	7890.-	1
		S2 (Up to 65A only)	3RV2938-1A#	9460.-	1
Fuse Monitoring MPCB		S00	3RV16110BD10	14850.-	1

Spring type terminals are not available for this accessory

* For ordering with spring type terminals, please replace 8th digit from '1' to '2'

Type of accessory®	Version	MPCB size	Type*	Unit LP ₹	Std. pkg. (nos.)
Undervoltage trip units, Screw terminals	24 V DC	S00 ... S3	3RV2902-1AB4#	14480.-	1
	110 V AC 50Hz / 120 V AC 60Hz		3RV2902-1AF0#	5365.-	1
	230 V AC 50Hz / 240 V AC 60Hz		3RV2902-1AP0		1
	400 V AC 50Hz / 440 V AC 60Hz		3RV2902-1AV0		1
Shunt trip units, Screw terminals	20...24V 50/60 Hz (100% ON period)		3RV2902-1DB0		5365.-
	20...70V 50/60Hz, DC (5s ON period)		3RV2902-1DF0	1	
	90...110V 50/60 Hz (100% ON period)				
	70...190V 50/60Hz, DC (5s ON period)		3RV2902-1DP0	1	
	210...240V 50/60 Hz (100% ON period)				
	190...330V 50/60Hz, DC (5s ON period)		3RV2902-1DV0#	1	
	350...415V 50/60 Hz (100% ON period)				
	330...500V 50/60Hz, DC (5s ON period)				

Spring type terminals are not available for this accessory

* For ordering with spring type terminals, please replace 8th digit from '1' to '2'

@ One auxiliary release can be mounted on the right side. (does not apply to 3RV11 motor starter protectors with overload relay function)

Accessories for 3RV2 / 3RV1

Fixing accessories

Type of accessory	Version	For MPCB size	Type*	Unit LP ₹	Std. pkg. (nos.)
Push-in lugs	For screwing the motor starter protector onto mounting plates. For each motor starter protector, 2 units are required.	For 3RV1: S00,S0	3RB1900-0B	50.-	(1 pack = 10 pcs)
Push-in lugs		For 3RV2: S00,S0	3RV2928-0B	40.-	(1 pack = 10 pcs)

Enclosure With EMERGENCY STOP rotary operating mechanism, Lockable in 0 position

Degree of protection	Integrated terminals	Installation width (for switch + lateral auxiliary switch)	For MPCB size	Type*	Unit LP ₹	Std. pkg. (nos.)
IP55	N and PE	54 mm	S00, S0	3RV1923-1FA00	3775.-	1
		82 mm	S2	3RV1933-1GA00	12300.-	1

Accessories for 3RV2 / 3RV1

Door-coupling rotary operating mechanism

Description	Size	Type	Unit LP ₹	Std. pkg. (nos.)
Door operating mechanism with door interlock, defeat facility, padlocking facility. Extension shaft 300mm (fixed coupler) Breaker operating kit & front drive for size	S00, S0	3RV19261B-Z®	6060.-	1
	S2	3RV19361B-Z®	6690.-	1
	S3\$	3RV19461B-Z®	8800.-	1
Front drive – fixed coupler (available as spare)	S00, S0, S2, S3	8UC626#	1940.-	1

@ One set available with breaker operator kit and 8UC front drive together

MRP

\$ To use door-operating mechanism, on 3RV2 - Size S3, the knob attachment on breaker must be disassembled.

Busbar accessories

Type of accessory	Version	Conductor cross-section			For MPCB size	Type	Unit LP ₹	Std. pkg. (nos.)
		Solid or stranded	Finely stranded with end sleeve	AWG cable, solid or stranded				
		mm ²	mm ²	AWG				
3-phase Infeed terminals	Connection from top	2.5...25	2.5...16	10 ... 4	3RV2 S00, S0	3RV2925-5AB	2935.-	1
		2 x (2.5 ... 50) ²⁾	2 x (2.5 ... 35) ²⁾	2 x (10.. 1/0) ²⁾	3RV2 S2	3RV2935-5A	3090.-	1
		1 x (2.5 ... 70) ²⁾	1 x (2.5 ... 50) ²⁾	1 x (10 ... 2/0) ²⁾				
	Connection from bottom*	2.5...25	2.5...16	10 ... 4	3RV2 S00, S0	3RV2915-5B		1



* This terminal is connected in place of a switch, please take the space requirement into account.

2) If two different conductor cross-sections are connected to one clamping point, both cross-sections must be in the range specified.



Accessories for 3RV2 / 3RV1

Busbar accessories

Type of accessory ¹⁾	Modular spacing mm	Number of MPCBs that can be connected			Current rating at 690V A	For MPCB size *	Type	Unit LP ₹	Std. pkg. (nos.)
		Without lateral accessories	With lateral auxiliary switch	Incl. auxiliary release					
3-phase busbar system	45 ³⁾	2	–	–	63	S00, S0	3RV1915-1AB	2490.-	1
		3	–	–		S00, S0	3RV1915-1BB	2660.-	1
		4	–	–		S00, S0	3RV1915-1CB	3775.-	1
		5	–	–		S00, S0	3RV1915-1DB	4270.-	1
	55 ⁴⁾	–	2	–		S00, S0	3RV1915-2AB	2540.-	1
		–	3	–		S00, S0	3RV1915-2BB	2660.-	1
		–	4	–		S00, S0	3RV1915-2CB	3625.-	1
		–	5	–		S00, S0	3RV1915-2DB	4270.-	1
		2	–	–	108	S2	3RV1935-1A	3650.-	1
		3	–	–			3RV1935-1B	4585.-	1
		4	–	–			3RV1935-1C	5610.-	1
	63 ⁵⁾	–	–	2	63	S00, S0	3RV1915-3AB	3280.-	1
		–	–	4		S00, S0	3RV1915-3CB	4285.-	1
	75 ⁵⁾	–	2	2	108	S2	3RV1935-3A	5610.-	1
		–	3	3			3RV1935-3B	5220.-	1
		–	4	4			3RV1935-3C	7380.-	1
	Covers for connection tags (Touch protection for empty positions)					S00, S0	3RV1915-6AB	380.-	10
S2						3RV1935-6A	680.-	5	



1) Not suitable for 3RV21 MPCBs with overload relay function

3) Auxiliary releases and lateral auxiliary switches cannot be used in combination.

4) For 3RV2 MPCB with auxiliary switches 2 NO and 2 NC mounted on the left (9 mm wide).

5) For 3RV2 MPCB with mounted accessories (18 mm wide). Auxiliary switches with 2 NO + 2 NC or signaling switch (mounted on the left) or with auxiliary release (mounted on the right).

* Approved for motor starter protectors size S0, up to 32 A.

Mounting accessories

Type of accessory	Version	For MPCB size	Type*	Unit LP ₹	Std. pkg. (nos.)
Scale covers, for covering the set current scale		3RV20, 3RV21, 3RV24: S00 ... S2	3RV2908-0P	215.-	10
Covers for devices with box terminals	2 units required per device (Main current level)	3RV2 S2	3RT2936-4EA2	370.-	1





Continuing the Legacy...

3VS Motor Protection Circuit Breakers

MPCBs for motor protection



Overload release range A	Type (w/o aux. contact)	Unit LP ₹	Type (with 1NO+1NC)	Unit LP ₹	Std. pkg. (nos)
0.1 - 0.16	3VS1300-0MB00	6625.-	3VS1300-1MB00	7940.-	1
0.16 - 0.24	3VS1300-0MC00		3VS1300-1MC00		1
0.24 - 0.4	3VS1300-0MD00		3VS1300-1MD00	8020.-	1
0.4 - 0.6	3VS1300-0ME00	7710.-	3VS1300-1ME00	9030.-	1
0.6 - 1	3VS1300-0MF00		3VS1300-1MF00	9380.-	1
1 - 1.6	3VS1300-0MG00	7770.-	3VS1300-1MG00	9470.-	1
1.6 - 2.4	3VS1300-0MH00		3VS1300-1MH00		1
2 - 3.2	3VS1300-0NH00	8130.-	3VS1300-1NH00	9550.-	1
2.4 - 4	3VS1300-0MJ00		3VS1300-1MJ00		1
3.2 - 5	3VS1300-0NJ00		3VS1300-1NJ00		1
4 - 6	3VS1300-0MK00		3VS1300-1MK00		1
5 - 8	3VS1300-0NK00		3VS1300-1NK00		1
6 - 10	3VS1300-0ML00	8210.-	3VS1300-1ML00	9650.-	1
8 - 13	3VS1300-0NL00	9430.-	3VS1300-1NL00		1
10 - 16	3VS1300-0MM00	9875.-	3VS1300-1MM00	11080.-	1
14 - 20	3VS1300-0MN00	10060.-	3VS1300-1MN00	11290.-	1
18 - 25	3VS1300-0MP00	11225.-	3VS1300-1MP00	12050.-	1

Accessories for 3VS

Description	Version	Type	Unit LP ₹	Std. pkg. (nos.)
Add-on aux. block	1 NO + 1 NC	■ 3VU9131-3AA00	2060.-	1
Short-circuit signaling switch	1 NO + 1 NC	■ 3VU9131-7AA00	2075.-	1



3TF-3VS Connector**

MPCB		Contactor		Type of Connector	Unit LP ₹	Std. pkg. (nos.)
Type	Current	Type Rating	AC3 Current Rating			
3VS13	0.16 to 20A	3TF30 / 31	9 / 12 A	3TS9001-8K	640.-	1
3VS13	6 to 25A	3TF32 / 33	16 / 22A	3TS9002-8K	770.-	1

** For more details refer page no. 38

Description	Version	Type	Unit LP ₹	Std. pkg. (nos.)
Door operating mechanism with door interlock, defeat facility, pad locking facility, extension shaft 300mm	Breaker operating kit & front drive (fixed coupler) for 3VS13 for 3VS16	■ 3VU9133-Z®	5315.-	1
		■ 3VU9163-Z®	5665.-	1
Front drive for 3VS	Fixed coupler	■ 8UC616#	1625.-	1

@ 1 set available with breaker operator kit and 8UC front drive together

MRP



■ Stock items

Please order in multiples of standard packing.

LP - List Price

SIRIUS 3RW soft starters

As diverse as your tasks.

The strong, harmonized portfolio of soft starters is suited to a wide range of standard – and also Failsafe and ATEX – applications thanks to comprehensive and specific functions. Benefit from intelligent functions such as condition monitoring, automatic parameterization, pump cleaning and integrated braking functions, regardless of the industry you are in.



Strong portfolio

Comprehensive, coordinated soft starter portfolio for simple to demanding starting: Basic, General, High Performance

Efficient switching

Energy-efficient switching and mechanical protection of the drive train thanks to soft starter with hybrid switching technology

Intelligent use

Concentrated, application-specific functionality thanks to intelligent features such as automatic parameterization, pump cleaning and condition monitoring

Ready for the digital future

Support for digital engineering processes with tools and data. Data provision for local visualization or cloud-based analysis





SIRIUS 3RW

Strong, comprehensive portfolio with a wide range of possibilities thanks to a flexible design.

For more information, see www.siemens.com/softstarters

Digitalization

The 3RW soft starters help you to realize the full potential of digitalization. This is particularly beneficial when it comes to economic efficiency.

Your application in focus



Pump cleaning and pump stopping mode

The pump cleaning function prevents pumps from blocking and therefore increases your productivity and system availability. The pump stopping mode avoids mechanical stress in the piping system and extends the service life of the equipment.



Electrical ruggedness

Due to the wide control voltage range from 110 to 250 V AC, soft starters have a high degree of electrical ruggedness. This guarantees reliable operation even in the event of falling voltages.



Condition monitoring

The condition monitoring function supports optimal planning of maintenance work on bearings or seals, thereby maximizing availability.



Automatic parameterization

Automatic parameterization simplifies the commissioning and operation of critical applications considerably, even in the case of highly dynamic load characteristics.



Integrated braking functions

Intelligent functions such as soft starter braking ensure a fast and reliable stop without engineering and configuration work.

Digital soft starters - SIRIUS 3RW30/40/50

**3RW30**

From 1.5 - 55 kW

- Compact design
- Integrated bypass contact system
- Soft start
- Innovative 2-phase "Polarity Balancing" operation

**3RW40**

From 5.5 - 55 kW

- Soft start, soft stop, adjustable current limit.
- Integrated bypass contact system
- Integrated microprocessor based overload relay with adjustable trip class 10/15/20.
- Intrinsic device protection to protect against thermal overloading of thyristors.
- Integrated state and fault monitoring
- Innovative 2-phase "Polarity Balancing" operation



NEW

3RW50

From 75 to 315 kW

- Soft starting and smooth ramp-down due to soft torque function
- Hybrid-switching technology with 2-phase control
- Parameterization via rotary coding switches
- ATEX/IECEx certified – hence suitable for motors in potentially explosive atmosphere
- Optional HMI modules and communication modules (external connection)
- Optional TIA integration

Rated operating voltage U _e , In line circuit V AC	Motor rating at 415V, 40°C, normal starting, in line circuit kW	Rated operating current I _e (AC-53a) A (40°C/50°C/60°C)	Type	Unit LP ₹	Std. pkg. (nos)
200-480	1.5	3.6/3.3/3	3RW3013-1BB\$4	29565.-	1
200-480	3	6.5/6/5.5	3RW3014-1BB\$4	34305.-	1
200-480	4	9/8/7	3RW3016-1BB\$4	39315.-	1
200-480	5.5	12.5/12/11	3RW3017-1BB\$4	46570.-	1
200-480	7.5	17.6/17/14	3RW3018-1BB\$4	56050.-	1
200-480	11	25.3/23/21	3RW3026-1BB\$4	61905.-	1
200-480	15	32.2/29/26	3RW3027-1BB\$4	80855.-	1
200-480	18.5	38/34/31	3RW3028-1BB\$4	100955.-	1
200-480	22	45/42/39	3RW3036-1BB\$4	109865.-	1
200-480	30	65/58/53	3RW3037-1BB\$4	149445.-	1
200-480	37	72/62.1/60	3RW3038-1BB\$4	184015.-	1
200-480	45	80/73/66	3RW3046-1BB\$4	206325.-	1
200-480	55	106/98/90	3RW3047-1BB\$4	228640.-	1

\$ Order No. supplement for rated control supply voltage Us

• 24 V AC/DC 0

• 110 ... 230 V AC/DC 1

Rated operating voltage U _e , In line circuit V AC	Motor rating at 415V, 40°C, normal starting, in line circuit kW	Rated operating current I _e (AC-53a) A (40°C/50°C/60°C)	Type	Unit LP ₹	Std. pkg. (nos)
200...480	5.5	12.5 / 11 / 10	3RW4024-1BB\$4	81340.-	1
200...480	11	25 / 23 / 21	3RW4026-1BB\$4	100495.-	1
200...480	15	32 / 29 / 26	3RW4027-1BB\$4	124475.-	1
200...480	18.5	38 / 34 / 31	3RW4028-1BB\$4	153200.-	1
200...480	22	45 / 42 / 39	3RW4036-1BB\$4	173690.-	1
200...480	30	63 / 58 / 53	3RW4037-1BB\$4	205130.-	1
200...480	37	72 / 62 / 60	3RW4038-1BB\$4	232465.-	1
200...480	45	80 / 73 / 66	3RW4046-1BB\$4	262100.-	1
200...480	55	106 / 98 / 90	3RW4047-1BB\$4	291750.-	1

\$ Control Voltage Code:

• 24 V AC/DC 0

• 110 ... 230 V AC/DC 1

For ordering 3RW40 soft starters with thermistor protection in the above range:

– Change the 9th digit in the type reference to 'T' from 'B'. Contact Sales office for prices.

NEW

Rated operating voltage U _e , In line circuit V AC	Motor rating at 415V, 40°C, normal starting, in line circuit kW	Rated operating current I _e (AC-53a) A (40°C/50°C)	Type	Unit LP ₹	Std. pkg. (nos)
200 ... 480	75	143 / 128	3RW5055-6AB\$4	329925.-	1
200 ... 480	90	171 / 153	3RW5056-6AB\$4	407575.-	1
200 ... 480	110	210 / 186	3RW5072-6AB\$4	453930.-	1
200 ... 480	132	250 / 220	3RW5073-6AB\$4	465775.-	1
200 ... 480	160	315 / 279	3RW5074-6AB\$4	562840.-	1
200 ... 480	200	370 / 328	3RW5075-6AB\$4	621040.-	1
200 ... 480	250	470 / 416	3RW5076-6AB\$4	679265.-	1
200 ... 480	315	570 / 504	3RW5077-6AB\$4	726115.-	1

\$ Control Voltage Code:

• 24 V AC/DC 0

• 110 ... 230 V AC/DC 1

- For 3RW50 with operating voltage U_e 200...600V AC: Change the last digit of MLFB from "4" to "5".
- For 3RW50 with thermistor motor protection change the 9th digit of MLFB from "A" to "T"
- Contact Sales office for prices

SIRIUS 3RW52-Standard Applications

From 5.5 - 315kW

- Main Voltage: 200-480V & 200-600V
- Bypass System: Integrated (Hybrid technology)
- Controlled Phases: 3
- Connection Type: Standard & Inside Delta
- Control Voltage: 24V AC/DC & 110-250V AC
- Motor over load protection class: 10A, 10E, 20E
- Analog output: 0-10V & 4-20mA (Optional)
- Communication protocol (Optional) - PN-Std, PN-HF, PB, MB-TCP, MB-RTU
- Operator Panel: Standard and High features HMI (Optional)



Rated operating voltage U _e , in line circuit V AC	Motor rating at 415V, 40°C, normal starting, (in line circuit) kW	Motor rating at 415V, 40°C, normal starting, (in delta circuit) kW	Rated operating current I _e (AC-53a) A (40°C/50°C)	Type	Unit LP ₹	Std. pkg. (nos)
200...480	5.5	11	13/11.5	3RW5213-1AC\$4	137375.-	1
200...480	7.5	15	18/15.9	3RW5214-1AC\$4	152650.-	1
200...480	11	18.5	25/22.3	3RW5215-1AC\$4	175525.-	1
200...480	15	22	32/28.4	3RW5216-1AC\$4	185515.-	1
200...480	18.5	30	38/33.5	3RW5217-1AC\$4	218655.-	1
200...480	22	45	47/41.6	3RW5224-1AC\$4	231890.-	1
200...480	30	55	63/55.5	3RW5225-1AC\$4	278290.-	1
200...480	37	75	77/68	3RW5226-1AC\$4	331275.-	1
200...480	45	90	93/82.5	3RW5227-1AC\$4	417375.-	1
200...480	55	110	113/101	3RW5234-6AC\$4	483650.-	1
200...480	75	132	143/128	3RW5235-6AC\$4	530030.-	1
200...480	90	160	171/151	3RW5236-6AC\$4	547120.-	1
200...480	110	200	210/186	3RW5243-6AC\$4	565575.-	1
200...480	132	250	250/220	3RW5244-6AC\$4	614070.-	1
200...480	160	315	315/279	3RW5245-6AC\$4	662525.-	1
200...480	200	355	370/328	3RW5246-6AC\$4	781790.-	1
200...480	250	400	470/416	3RW5247-6AC\$4	888790.-	1
200...480	315	560	570/504	3RW5248-6AC\$4	1126275.-	1

\$ Control voltage code:

• 24V AC/DC 0

• 110----250 V AC 1

* – For 3RW52 with operating voltage U_e 200...600V AC - change the last digit of MLFB from "4" to "5".

– For 3RW52 with thermistor motor protection, change the 9th digit of MLFB from "A" to "T"

– Contact Sales office for prices

Note: Commissioning service is available at extra cost.

In the event of deviating conditions or higher switching frequency, it may be necessary to choose a larger unit.

Siemens recommends use of selection and simulation program
Simulation Tool for Soft Starters (STS).

Refer technical specifications for more details.

For more details, please visit: www.siemens.com/softstarter

Soft Starter selection made handy!

with few clicks on your mobile



3RW55: for heavy duty and high end applications

From 5.5 - 315 kW

- Main Voltage: 200-480V & 200-690V
- Bypass System: Integrated (Hybrid technology)
- Controlled Phases: 3
- Connection Type: Standard & Inside Delta
- Control Voltage: 24V AC/DC & 110-250V AC
- Motor over load protection class: 5/10/15/20/30
- Analog output: 0-10V & 4-20mA (Optional)
- Communication protocol (Optional) - PN-Std, PN-HF, PB, MB-TCP, MB-RTU
- Operator Panel: High features HMI
- Optionally available Failsafe Variant
- With unique Autoparameterisation feature

NEW



Rated operating voltage U _e , in line circuit V AC	Motor rating at 415V, 40°C, normal starting, (in line circuit) kW	Motor rating at 415V, 40°C, normal starting, (in delta circuit) kW	Rated operating current I _e (AC-53a) A (40°C/50°C)	Type	Unit LP ₹	Std. pkg. (nos)
200...480	5.5	11	13/11.5	3RW5513-1HA\$4	168750.-	1
200...480	7.5	15	18/15.9	3RW5514-1HA\$4	179520.-	1
200...480	11	18.5	25/22.3	3RW5515-1HA\$4	211205.-	1
200...480	15	22	32/28.4	3RW5516-1HA\$4	248475.-	1
200...480	18.5	30	38/33.5	3RW5517-1HA\$4	292875.-	1
200...480	22	45	47/41.6	3RW5524-1HA\$4	310600.-	1
200...480	30	55	63/55.5	3RW5525-1HA\$4	372725.-	1
200...480	37	75	77/68	3RW5526-1HA\$4	443705.-	1
200...480	45	90	93/82.5	3RW5527-1HA\$4	559065.-	1
200...480	55	110	113/101	3RW5534-6HA\$4	647805.-	1
200...480	75	132	143/128	3RW5535-6HA\$4	709965.-	1
200...480	90	160	171/151	3RW5536-6HA\$4	732825.-	1
200...480	110	200	210/186	3RW5543-6HA\$4	757565.-	1
230...480	132	250	250/220	3RW5544-6HA\$4	822500.-	1
230...480	160	315	315/279	3RW5545-6HA\$4	887395.-	1
230...480	200	355	370/328	3RW5546-6HA\$4	1047145.-	1
230...480	250	400	470/416	3RW5547-6HA\$4	1190475.-	1
230...480	315	560	570/504	3RW5548-6HA\$4	1508590.-	1
200...480	355	630	630/561	3RW5552-6HA\$4	1994000.-	1
200...480	400	710	720/641	3RW5553-6HA\$4	Upon Request	1
200...480	450	800	840/748	3RW5554-6HA\$4		1
200...480	560	1000	1100/979	3RW5556-6HA\$4		1
200...480	710	1200	1280/1139	3RW5558-6HA\$4		1

\$ Control voltage code:

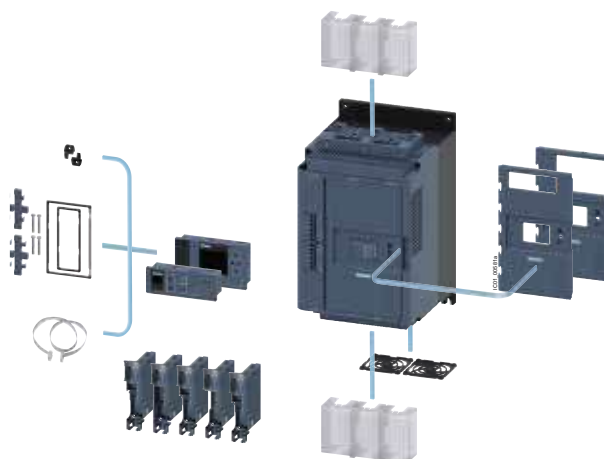
- For 3RW55 with operating voltage U_e 200...690V AC: Change the last digit of MLFB from "4" to "5".
- For 3RW55 with fail safe variant: Change the 10th digit of MLFB from "A" to "F" (available up to 315kW)
- Contact Sales office for prices

• 24V AC/DC 0

• 115----250 V AC 1

Accessories for 3RW55/3RW52

Description	Type	Unit LP ₹	Std. pkg. (nos.)
Profibus communication module	3RW5980-0CP00	86665.-	1
Profinet communication module	3RW5980-0CS00	97500.-	1
Modbus TCP	3RW5980-0CT00	86665.-	1
External display - Standard HMI	3RW5980-0HS00	30365.-	1
External display - High Featured HMI	3RW5980-0HF00	87690.-	1
PROFINET High-Feature module 3RW55 system redundancy S2	3RW5950-0CH00	115575.-	1
Connection cable for Door Mounting of HMI display module	(5 mtr - Flat)	3RW5980-0HC60	21050.-
	(0.1 mtr - Flat)	3UF7931-0AA00-0	2505.-
	(0.5 mtr - Flat)	3UF7932-0BA00-0	7500.-
	(1 mtr - Round)	3UF7937-0BA00-0	8330.-
	(2.5 mtr - Round)	3UF7933-0BA00-0	8965.-
SIRIUS Soft Starter ES V18 Professional	License key on USB flash drive	3ZS1320-6CC14-0YA5	220620.-
SIRIUS Soft Starter ES V21 Professional	License key downloaded	3ZS1320-6CE17-0YB5	217375.-



Note: Commissioning service is available at extra cost.

Siemens recommends use of selection and simulation program
Simulation Tool for Soft Starters (STS).

For more details, please visit: www.siemens.com/softstarter

SIMATIC ET 200SP e-Starter

NEW

Siemens
EcoTech



1000x
faster
switching

Smart Start



Compact
design



Can be switched
on again
immediately



worldwide
use



100%
system
integrated

More information
siemens.com/e-starter

Discover
more!



SIEMENS



Start-up with a small footprint – **SIRIUS 3RM1 Motor Starter**

Multifunctional with a width of just 22.5mm

www.siemens.com

3RM1 Compact Starters – DOL and RDOL

Rated operational voltage Ue	Description	Type	Unit LP ₹
48–500V	DOL, upto 0.12KW	3RM10011AA.4	55270.-
48–500V	DOL, 0.09 to 0.75KW	3RM10021AA.4	55270.-
48–500V	DOL, 0.55 to 3KW	3RM10071AA.4	55270.-
48–500V	RDOL, upto 0.12KW	3RM12011AA.4	60165.-
48–500V	RDOL, 0.09 to 0.75KW	3RM12021AA.4	60165.-
48–500V	RDOL, 0.55 to 3KW	3RM12071AA.4	60165.-

Control voltage code @50Hz:

• 24V AC/DC 0

• 110–230V AC, 110V DC 1

Accessories

Description	Type	Unit LP ₹
3-phase busbar for 2 3RM1	3RM19101AA	Upon Request
3-phase busbar for 3 3RM1	3RM19101BA	Upon Request
3-phase busbar for 5 3RM1	3RM19101DA	Upon Request
CAP for busbar of 3RM1	3RM19106AA	Upon Request
3-PHASE FEED-IN TERMINAL 3RM1	3RM19201AA	Upon Request





RAJA⁺ Agriculture Starters & Controllers **Soch Nayi, Vishwaas Wahi!**



SIEMENS

RAJA⁺ GSM Starters & Controllers

Smart, Efficient &
Sustainable



NEW



Complete Range
for all Agricultural
Applications



Android based application
for extensive
customization



Easy to Install
Just Plug & Play



Complete Wireless
Operation



Built In Protection
against all major Faults



Anti Theft
Feature

Combine it with our unique Android-based Application
to further enhance your smart farming experience.



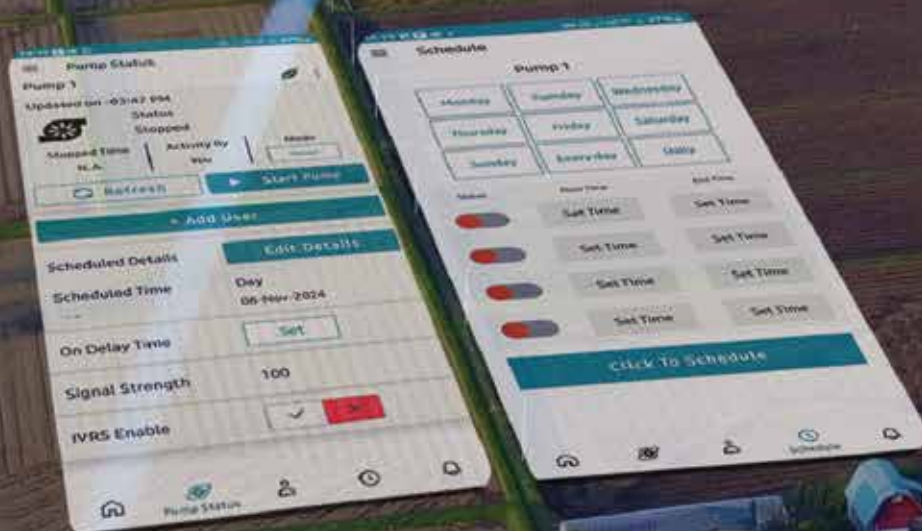
Complete pump
operation status in
one place/one touch



In built scheduler for
flexible On/Off timings



Compliant to all
date privacy and
security laws



SIEMENS

Agriculture Starters



DOL

Starter in S. S. housing, incl. birelay with SPP

Motor rating at 415V, 3ph, 50Hz		Type ¹⁾ (DOL)	Relay range A	Unit MRP ₹	Std. pkg. (nos.)
HP	kW				
0.33	0.25	3TW72911A.64	0.63-1	4470.-	1
0.75	0.55	3TW72911A.66	1-1.6	4470.-	1
1	0.75	3TW72911A.68	1.6-2.5	4470.-	1
1.5	1.1	3TW72911A.69	2-3.2	4470.-	1
2	1.5	3TW72911A.71	3.2-5	4470.-	1
3	2.2	3TW72911A.72	4-6.3	4470.-	1
5	3.7	3TW72911A.74	6.3-10	4470.-	1
–	–	3TW72911A.75	8-12.5	4470.-	1
7.5	5.5	3TW72911A.77	10-16	4770.-	1
10	7.5	3TW72911A.78	12.5-20	4945.-	1

¹⁾ Enter code for coil voltage, 50Hz (B for 200 - 400V AC, D for 260 - 460V AC, W for 332 - 456V AC)

For RAJA+ DOL Starters 3TW72931A... (0.33-5HP) with 18A contactor are IEC 60947-4-1: 2012 compliant without ISI mark

Industrial Starters

DOL

DOL Starter in S.S.housing
(without birelay - to be ordered separately)

Motor rating at 415V, 3ph, 50Hz		Type ²⁾ (DOL)	Birelay (recommended)	Unit LP ₹	Std. pkg. (nos.)
HP	kW				
15	11	3TW7493-2AR0*	3US5200-2C8K (16-25A)	13000.-	1
20	15	3TW7494-2A..	3US5600-2D8K (20-32A)	16440.-	1
25	18.5	3TW7495-2A..	3US5600-2Q8K (25-36A)	18775.-	1
30	22	3TW7496-2A..	3US5800-2F8K (32-50A)	23165.-	1
40	30	3TW7497-2A..	3US5800-2T8K (40-57A)	29530.-	1
50	37	3TW7498-2A..	3US5800-2V8K (57-70A)	38300.-	1
60	45	3TW7499-2A..	3US5800-8Y8K (70-95A)	42870.-	1
75	55	3TW7590-2A..	3US5800-5C8K (85-105A)	53705.-	1

* Only coil voltage of 415V 50Hz available

²⁾ Enter code for coil voltage, 50Hz ("R0" for 415V, "P0" for 230V)

† 3TE75 have in-built birelay whereas 3TE74 doesn't have in-built birelay

For selection and LPs of spares for Industrial Starter contact sales

Star Delta

Automatic starter in S.S. housing, incl. birelay with SPP

Motor rating at 415V, 3ph, 50Hz		Type ⁴⁾ (ASD)	Relay range A	Unit MRP ₹	Std. pkg. (nos.)
HP	kW				
10	7.5	3TE72910AW74	6.3-10	19730.-	1
12.5	9.3	3TE72910A.75	8-12.5	20700.-	1
15	11	3TE72910A.77	10-16	21245.-	1
20	15	3TE72910A.78	12.5-20	24945.-	1
25	18.5	3TE72910A.79	16-25	28620.-	1

⁴⁾ Enter code for coil voltage, 50Hz (B for 200-400V, W for 415V)

Star Delta

Automatic Star delta starter in S.S. housing
(without birelay - to be ordered separately)

Motor rating at 415V, 3ph, 50Hz		Type ²⁾ (ASD)	Birelay (recommended)	Unit LP ₹	Std. pkg. (nos.)
HP	kW				
30	22	3TE7493-2A..	3US5600-2C8K (16-25 A)	46295.-	1
40	30	3TE7494-2A..	3US5600-2D8K (20-32 A)	49895.-	1
50	37	3TE7495-2A..	3US5600-2R8K (32-40 A)	69670.-	1
60	45	3TE7496-2A..	3US5800-2F8K (32-50 A)	98830.-	1
75	55	3TE7497-2A..	3US5800-2T8K (40-57 A)	120930.-	1

Automatic Star delta starter in S.S. housing
(With in-built birelay)

Motor rating at 415V, 3ph, 50Hz		Type ²⁾ (ASD)	Birelay (recommended)	Unit LP ₹	Std. pkg. (nos.)
HP	kW				
100	75	3TE7594-2AR0*†	3US58 00-8Y8K (70-95A)†	172100.-	1
125	90	3TE7595-2AR0*†	3US58 00-8Y8K (70-95A)†	177180.-	1
150	110	3TE7596-2AR0*†	3US58 00-5D8K (95-120A)†	179700.-	1
180	132	3TE7597-2AR0*†	3US62 20-5B8K (115-180A)†	192350.-	1

Spares for starters

Spares for 3TW7 Starters

Description	Type	Unit MRP ₹	Std. pkg. (nos.)
Contactora for 200-400V	3TS3010-0AZ608KA0	2305.-	1
Contactora for 200-400V	3TS3210-0AZ608KA0	3005.-	1
Contactora for 415V	3TS3010-0AR008KA0	2305.-	1
Contactora for 415V	3TS3210-0AR008KA0	3005.-	1
Relay	3UW5102-##	Price on request	1
Coil for 200-400V	3TY7403-0AZ6		10
Coil for 415V	3TY7403-0AR0		10

The spares shall be used with starters only.

Code for 3UW51/52 relay range

Relay range	0.63-1	1-1.6	1.6-2.5	2-3.2	3.2-5	4-6.3	6.3-10	8-12.5	10-16	12.5-20	16-25
Code	0J	1A	1C	1D	1F	1G	1J	1K	2A	2B	2C

Spares for 3TE7 Starters

Description	Type	Unit MRP ₹	Std. pkg. (nos.)
Contactora for 200-400V	3TS3010-0AZ608K	2180.-	1
Contactora for 415V	3TS3010-0AR008K	2180.-	1
Contactora for 200-400V	3TS3210-0AZ608K	2870.-	1
Contactora for 415V	3TS3210-0AR008K	2695.-	1
Contactora for 200-400V	3TS3300-0AZ608K	3830.-	1
Contactora for 415V	3TS3300-0AR008K	3455.-	1
Relay	3UW5102-##	Price on request	1
Relay	3UW5202##		1
Coil for 200-400V	3TY7403-0AZ6		10
Coil for 415V	3TY7403-0AR0		10

Bi Relay for 3TW74 & 3TE74 Starters

Type	Range	Unit LP ₹	Std. pkg. (nos.)
3US5200-2C8K	16-25A	4135.-	1
3US5600-2D8K	20-32A	6500.-	1
3US5600-2Q8K	25-36A	6500.-	1
3US5800-2T8K	40-57A	8740.-	1
3US5800-2V8K	57-70A	10930.-	1
3US5800-8Y8K	70-95A	10930.-	1
3US5800-5C8K	85-105A	11605.-	1
3US5600-2C8K	16-25 A	6070.-	1
3US5600-2R8K	32-40 A	6800.-	1
3US5800-2F8K	32-50 A	8315.-	1
3US5800-5D8K	95-120A	11050.-	1
3US6220-5B8K	115-180A	19715.-	1

Water level controller

Description			Type	Unit MRP ₹	Std. pkg. (nos.)
Water level controller relay	110-240V AC/DC	Single tank (suction or filling) or dual tank (suction and filling) monitoring	7UG0885-1JU20	3365.-	1
Sensor for water level controller relay	Pack of 3 sensor		7UG0985-0YY00	1010.-	1



Electronic timers - 3RP



Function	Time range	Input voltage		Type	Unit LP ₹	Std. pkg (nos.).
		AC (50/60Hz)	DC			
On-delay with 1C/O contacts	0.5 – 10 sec	24/100-127 24/200-240	24 24	■ 3RP1511-1AQ308K ■ 3RP1511-1AP308K	4100.-	1 1
	5 – 100 sec	24/100-127 24/200-240	24 24	■ 3RP1513-1AQ308K ■ 3RP1513-1AP308K	4115.-	1 1
	0.05 sec to 100 Hrs. (15 time setting ranges)	24/100-127 24/200-240	24 24	■ 3RP1525-1AQ308K ■ 3RP1525-1AP308K	6040.-	1 1
		24 to 240	24 to 240	■ 3RP1525-1BW308K#	8155.-	1
Off-delay with 1C/O contacts	0.5 – 10 sec	24/100-127 24/200-240	24 24	■ 3RP1531-1AQ308K ■ 3RP1531-1AP308K	5435.-	1 1
	5 – 100 sec	24/100-127 24/200-240	24 24	■ 3RP1533-1AQ308K ■ 3RP1533-1AP308K	5525.-	1 1
Multi-function with 1C/O contacts	0.05 sec to 100 Hrs. (15 time setting ranges)	24 - 240	24 - 240	■ 3RP1505-1AW308K	8420.-	1
	Label set - 8 functions (On delay, Off delay, On+Off delay, flashing, pulse make contact, pulse break contact, pulse shaping and additive ON delay)			3RP1901-0A8K*	1770.-	1 pack
Star-Delta 1NO inst & 1NO delayed	1 – 20 sec	200-240 / 380-440V AC		3RP1574-1NM208K	4150.-	1
	3 – 60 sec	24/100-127	24	■ 3RP1576-1NQ308K	4250.-	1
		24/200-240	24	■ 3RP1576-1NP308K	4250.-	1
		200-240/380-440V AC		■ 3RP1576-1NM208K	4375.-.®	1
		230-400V AC		■ 3RP1576-1NP208K	4375.-.®	1
Push-in lug (for mounting 3RP timer with screws)				3RP19038K (1 pack = 10 pcs)	370.-	1 pack

with 2C/O contacts

\$ Price per pack

* 1 pack consists of 1 label set

For 7PV0 timer portfolio refer page no. 75

@ Prices mentioned are at MRP

3RR2 Current monitoring relays

The relays can be installed as a stand-alone unit using the suitable terminal bracket.



Screw Terminals

Size of relay / contactor	Set current value of the inverse-time delayed overload release A	Supply voltage	Type*	Unit LP ₹	Std. pkg. (nos.)
Basic Version					
S00	1.6...16	24V AC/DC	3RR2141-1AA30	26165.-	1
	1.6...16	24...240V AC/DC	3RR2141-1AW30	28495.-	1
S0	4 ... 40	24V AC/DC	3RR2142-1AA30	32925.-	1
	4 ... 40	24...240V AC/DC	3RR2142-1AW30	35180.-	1

Size of relay / contactor	Set current value of the inverse-time delayed overload release A	Supply voltage	Type*	Unit LP ₹	Std. pkg. (nos.)
Standard Version					
S00	1.6...16	24V AC/DC	3RR2241-1FA30	53375.-	1
	1.6...16	24...240V AC/DC	3RR2241-1FW30	58140.-	1
S0	4 ... 40	24V AC/DC	3RR2242-1FA30	62925.-	1
	4 ... 40	24...240V AC/DC	3RR2242-1FW30	66720.-	1

For ordering terminal bracket for stand alone installation please refer page no. 47

*For ordering current monitoring relay 3RR with spring type terminals, please replace 8th digit from '1' to '2'

Line monitoring relays - 3UG

NEW

Phase Sequence	Phase Failure	Phase Imbalance	Under Voltage	Over Voltage	Delay times	Display	Contacts	Line Supply Voltage	Type	Unit LP ₹	Std. pkg. (nos.)
Yes	Yes	10%	-	-	-	-	1 CO	160-690V	3UG5512-1AR20	32040.-	1
Yes	Yes	20%	160-690V	-	Off delay 0.1-20 s	-	2 CO	160-690V	3UG5514-1BR20	48380.-	1
Yes	Yes	Yes	90-690V	90-690V	Off delay 0.1-30 s	Yes	2 CO	90-690V	3UG5616-1CR20	55005.-	1

3UG Monitoring Relays for Electrical and Additional Measurements

Function	Version of Auxiliary Contacts	Control supply voltage $U_s^{1)}$	Type	Unit LP ₹	Std. pkg. (nos.)
	CO	V AC			
Phase Sequence Monitoring 3 Phase	1	200...690	3UG5511-1AR20	31620.-	1
	2		3UG5511-1BR20	35255.-	1
Monitoring of phase sequence, phase failure and phase unbalance	2	200...690	3UG5512-1BR20	37055.-	1
Digitally adjustable monitoring relay phase failure, phase sequence, asymmetry, frequency, over- and under-voltage monitoring 3x 90-690 V AC, 15-70 Hz	2	120...690	3UG5616-1CR20	55005.-	1
Digital monitoring relay current, active current, voltage, cos-phi and performance monitoring 90 to 690 V AC/DC with internal power supply 0.05 to 10 A 24 ... 240 V AC/DC, 50 .. 60 Hz ON delay and tripping delay 0.1..999.9 s 2 changeover contacts screw terminal	2	90...690	3UG5643-1CS20	50855.-	1
Analog monitoring relay voltage monitoring from 17 to 275 V AC/DC overshoot and undershoot self-supplied 24 to 240 V DC and AC 50 to 60 Hz ON delay and tripping delay 0.1..999.9 s 1 changeover contact screw terminal	1	Self Powered	3UG5533-1AL30	39965.-	1
Digital monitoring relay current, active current, voltage, cos-phi and performance monitoring up to 690 V AC/DC up to 10 A supply voltage 24 ... 240 V AC/DC, 50 .. 60 Hz ON delay and tripping delay 0.1..999.9 s 2 changeover contacts screw terminal	1	24...240V AC/DC	3UG5642-1CW30	50855.-	1
Analog monitoring relay level monitoring resistance monitoring from 0.5 to 500 kohm overshoot and undershoot supply voltage 24 ... 240 V AC/DC, 50 .. 60 Hz 2-step or 1-step control tripping delay 0.5-30 s 1 changeover contact screw terminal	1	24...240V AC/DC	3UG5501-1AW30	28400.-	1

Thermistor motor protection relay - 3RN2

Type of Thermistor	Reset	Contacts	Control Supply voltage	Type	Unit LP ₹	Std. pkg. (nos.)
PTC type A	Auto	1CO	24V-240V AC/DC	3RN2000-1AW30	15140.-	1

Insulation monitoring relay -3UG

Measuring Range U_e kΩ	Function	Measurable Voltage	Type	Unit LP ₹	Std. pkg. (nos.)
1-110	Insulation monitors for ungrounded AC networks (control supply voltage 24-240V AC/DC)	0 ... 400V AC	3UG4581-1AW31	73505.-	1
		0 ... 250 AC	3UG4582-1AW31	67990.-	1
1-110	Insulation monitors for ungrounded DC & AC networks	0 ... 400 AC, 0 ... 600 DC ¹⁾	3UG4583-1CW31	149800.-	1
	Voltage reducer modules	Extending the mains voltage range to max. 690 V AC and 1000 V DC	3UG4983-1AA01	80220.-	1

1) With 3UG4983-1AA01 voltage reducer module suitable also for the insulation monitoring of IT networks up to 690 V AC and 1000 V DC.

Timing and Monitoring Relays



Features and Benefits

- Two sizes for the entire range 17.5mm & 35mm width
- The entire range is suitable for DIN rail mounting
- Variant with digital display
- Auto / Manual reset



Relay	MLFB	Neutral loss protection	Phase failure protection	Imbalance protection	Phase reversal protection	Under voltage protection	Over voltage protection	Under freq protection	Over freq protection	Other parameters
Line monitoring relay	7UG0 712		✓	✓	✓					
	7UG0 814	✓	✓	✓	✓	✓	✓	✓	✓	
	7UG0 818		✓	✓	✓	✓	✓	✓	✓	
Voltage Monitoring relay	7UG0 753		✓		✓	✓	✓			
Current Monitoring relay	7UG0 82		✓	✓						Under-current and over-current protection
	7UG0 83		✓	✓						Under-current and over-current protection
Earth leakage relay	7UG0 84									Earth leakage protection
Earth fault monitoring relay	7UG0 86									Earth fault protection
Temperature controller (TC)	7UG0 48									Monitors temperature, input sensor TC/RTD
Water level controller relay	7UG08 85									Monitors and controls liquid level (conductive)
Thermistor protection relay	7UG08 81									Sensor input: Positive coefficient thermistor (PTC)

7UG0 monitoring relays

Description			Type	Unit LP ₹	Std. pkg. (nos.)
Line monitoring relay	Self powered	3Ph-3W	7UG0712-1AA20	2410.-	1
	Self powered	1Ph-2W, 3Ph-3W, 3Ph-4W	7UG0814-1CA20	5645.-	1
	Self powered	3Ph-3W, 3Ph-4W	7UG0818-1CA20	5170.-	1
Voltage Monitoring relay	Self powered	3Ph-3W	7UG0753-1AA20	4110.-	1
Current Monitoring relay	230 V AC	1Ph-2W	7UG0822-1AD20	6370.-	1
	110 V AC	1Ph-2W, 3Ph-3W, 3Ph-4W	7UG0831-1AB20	8130.-	1
	230 V AC	1Ph-2W, 3Ph-3W, 3Ph-4W	7UG0832-1AD20	7740.-	1
	110 V AC	1Ph-2W, 3Ph-3W, 3Ph-4W	7UG0841-1CB20	8580.-	1
Earth leakage relay	230 V AC	1Ph-2W, 3Ph-3W, 3Ph-4W	7UG0842-1CD20	8670.-	1
CBCT for ELR		35mm	7UG09-96	3120.-	1
		70mm	7UG09-97	3570.-	1
		120mm	7UG09-99	6080.-	1
		210mm	7UG0 994*	11690.-	1
		310mm	7UG0 995*	17425.-	1
Earth Fault monitoring relay	1 Ph-2W, 3Ph-3W, 3Ph-4W		7UG0861-1BU20	8870.-	1
CBCT for EFR: 160 frame	Core Balance CT 160 frame, 3P		7UG09910	3060.-	1
	Core Balance CT 160 frame, 4P		7UG09911	3490.-	1
CBCT for EFR: 250 frame	Core Balance CT 250 frame, 3P		7UG09912	3695.-	1
	Core Balance CT 250 frame, 4P		7UG09913	4355.-	1
CBCT for EFR: 630 frame	Core Balance CT 630 frame, 3P		7UG09914	5450.-	1
	Core Balance CT 630 frame, 4P		7UG09915	5900.-	1
Automatic Power factor correction relay (APFC relay)	8 Stage with LCD display		7UG0571-1FT20	29725.-	1
	12 Stage with LCD display		7UG0572-1GT20	31840.-	1
	12 stage with LED display		7UG0572-1GT21	18205.-	1
Temperature controlling relay	PID/ON-OFF Control suitable for PTC/RTD inputs CO + SSR output		7UG0 480-1IU20	6510.-	1
Water level controller relay	110-240V AC/DC	Single tank (suction or filling) or dual tank (suction and filling) monitoring	7UG0885-1JU20	3365.-	1
Sensor for water level controller relay	Pack of 3 sensor		7UG0985-0YY00	1010.-	1
Thermistor protection relay	110-240V AC/DC		7UG0881-1BU20	3920.-	1

7PV0 timers

Description			Type	Unit LP ₹	Std. pkg. (nos.)
ON delay timer	230V AC		7PV0712-1AD20	2380.-	1
Multifunction timer with digital display	20-240V AC/DC	15 functions	7PV0732-1AV20	4675.-	1
Multifunction timer - analog	20-240V AC / 12--240V DC	10 functions	7PV0723-1AZ20	3120.-	1

Note: * Non RoHS and CE

Plug-in-relay - 7RQ

Now in
TI - GREY

NEW

CE RoHS
Compliant

Features and Benefits

- LED status indicator as a standard feature - allows personnel to see the relay status in dark conditions
- Mechanical indicators - allow personnel to see relay status under normal light or bright conditions
- Easy grip cover - adds to the ease of removing the relay from the socket
- Removable I.D. (identification) label- allows for easy identification
- Wide operating voltage range
- DIN rail / PCB mounting – Quick & Easy Installation



Relay	Standard Features	Control supply voltage* (V)	Type	Unit LP ₹	Std. pkg. (nos.)
1CO					
	6A 5 pin	DC	24	7RQ0100-0AC00	550.- 10
			48	7RQ0100-0AD00	730.- 10
			110	7RQ0100-0AE00	990.- 10
	• Mechanical Flag • LED indicator	AC	24	7RQ0100-0AM10	695.- 10
			48	7RQ0100-0AN10	990.- 10
			110	7RQ0100-0AP10	1030.- 10
			230	7RQ0100-0AR10	1055.- 10
2CO					
	6A 8 pin	DC	24	7RQ0100-0BC00	755.- 10
			48	7RQ0100-0BD00	905.- 10
			110	7RQ0100-0BE00	975.- 10
	• Mechanical Flag • LED indicator	AC	24	7RQ0100-0BM10	880.- 10
			48	7RQ0100-0BN10	975.- 10
			110	7RQ0100-0BP10	1000.- 10
			230	7RQ0100-0BR10	1020.- 10
2CO					
	10A 8 pin	DC	24	7RQ0110-0BC00	975.- 10
			48	7RQ0110-0BD00	1195.- 10
			110	7RQ0110-0BE00	1295.- 10
	• LED indicator	AC	24	7RQ0110-0BM00	1170.- 10
			48	7RQ0110-0BN00	1315.- 10
			110	7RQ0110-0BP00	1295.- 10
			230	7RQ0110-0BR00	1345.- 10
3CO					
	10A 11 pin	DC	24	7RQ0100-0CC00	1250.- 10
			48	7RQ0100-0CD00	1315.- 10
			110	7RQ0100-0CE00	1525.- 10
	• LED indicator	AC	24	7RQ0100-0CM00	1325.- 10
			48	7RQ0100-0CN00	1400.- 10
			110	7RQ0100-0CP00	1500.- 10
			230	7RQ0100-0CR00	1525.- 10
4CO					
	5A 14 pin	DC	24	7RQ0100-0DC00	1150.- 10
			48	7RQ0100-0DD00	1205.- 10
			110	7RQ0100-0DE00	1365.- 10
	• LED indicator	AC	24	7RQ0100-0DM00	1195.- 10
			48	7RQ0100-0DN00	1220.- 10
			110	7RQ0100-0DP00	1325.- 10
			230	7RQ0100-0DR00	1345.- 10

* Control supply voltage available upon request: DC: 6V, 12 & AC: 6V, 12V, 115V

Socket	Standard Features	Type	Unit LP ₹	Std. pkg. (nos.)
1CO				
10A	PCB mounted	7RQ0202-1AX00	190.-	10
				
	Din rail mounting	7RQ0201-1AX00	330.-	10
				
2CO				
6A	PCB mounted	7RQ0202-1BX00	190.-	10
				
	Din rail mounting	7RQ0201-1BX00	430.-	10
				
2CO				
10A	PCB mounted	7RQ0212-1BX00	225.-	10
				
	Din rail mounting	7RQ0211-1BX00	555.-	10
				
3CO				
10A	Din rail mounting	7RQ0201-1CX00	755.-	10
				
4CO				
7A	PCB mounted	7RQ0202-1DX00	300.-	10
				
	Din rail mounting	7RQ0201-1DX00	530.-	10
				



SIRIUS ACT

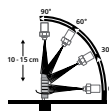
Performance in action

www.siemens.com/SIRIUS-Act

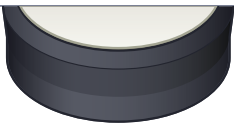
SIEMENS

An overview of the variety

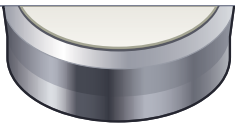
Body design lines and button colors



SIRIUS ACT products with standard IP69k.
IP69k is the highest achievable rating and guarantees totally protection against dust, as well as high pressure, high temperature jets of water from multiple directions.



Black plastic,
22 mm Ø



Shiny metal,
22 mm Ø



Push buttons

Push button mom. cont./latching	Push button raised	Push button raised front ring	Push button extended stroke	Sensor switch
Stop button	Mushroom push button, mom. contact/latching, pull to unlatch	Twin push button	Mushroom push button, mom. contact/latching	

Emergency stop

Mushroom push button w. mech. position indicator	Mushroom push button, rot. to unl. 30, 40, 60 mm
Mushroom push button, illuminated	Mushroom push button, with lock release key

Selector switches

Rotary knob, 4 positions	Potentiometer	Toggle switch	Selector, short handle	Selector, long handle	Coordinate switch

Key-operated switches

ID key-operated switch	BKS	O.M.R.	RONIS

Indicators

Indicator light, dual LED	Acoustic signaling device

Accessories

Protective collar	Label holder	PCB holder	Protective cap
Locking device	Sealing plug	Backing plate	

Enclosures

Palm push button	Enclosure 1, 2, 3, 4, 6 command points

A small selection of high demand models

Description	Plastic			Metal			Colour	
		Type	Unit LP ₹		Type	Unit LP ₹		
Pushbutton, 22 mm, round, flat momentary contact type		3SU1000-0AB_0-0AA0 ↑ Colour	1470.-		3SU1050-0AB_0-0AA0 ↑ Colour	1905.-	1 ● Black 2 ● Red 3 ● Yellow 4 ● Green 5 ● Blue 6 ○ White 7 ○ Clear 8 ○ Gray	
Illuminated pushbutton, 22 mm, round, flat momentary contact type		3SU1001-0AB_0-0AA0 ↑ Colour	2050.-		3SU1051-0AB_0-0AA0 ↑ Colour	2320.-	0 ● Amber 2 ● Red 3 ● Yellow 4 ● Green 5 ● Blue 6 ○ White 7 ○ Clear	
Selector switch, 2 Position, illuminable, 22 mm, round, plastic, O-I, latching, actuating angle 90°, 10:30h/13:30h		3SU1002-2BF_0-0AA0 ↑ Colour	3190.-		3SU1052-2BF_0-0AA0 ↑ Colour	3555.-	1 ● Black 2 ● Red 3 ● Yellow 4 ● Green 5 ● Blue 6 ○ White	
Selector switch, 3 position, illuminable, 22 mm, round switch positions I-O-II, latching, actuating angle 2x45°, 10:30h/12h/13:30h		3SU1002-2BL_0-0AA0 ↑ Colour	3190.-		3SU1052-2BL_0-0AA0 ↑ Colour	3555.-	1 ● Black 2 ● Red 3 ● Yellow 4 ● Green 5 ● Blue (only in plastic version) 6 ○ White	
RONIS key-operated switch, 2 switch positions O-I, latching, actuating angle 90°		3SU1000-4BF01-0AA0	7770.-		3SU1050-4BF01-0AA0	8445.-		
RONIS key-operated switch, 3 switch positions I-O-II, latching, actuating angle 2x45°		3SU1000-4BL01-0AA0	8205.-		3SU1050-4BL01-0AA0	8900.-		
EMERGENCY STOP mushroom pushbutton, 22 mm, round, red, 40 mm, positive latching, rotate-to-unlatch		3SU1000-1HB20-0AA0	6180.-		3SU1050-1HB20-0AA0	6790.-		
EMERGENCY STOP mushroom pushbutton, illuminable, 22 mm, round, red, 40 mm, positive latching, rotate-to-unlatch		3SU1001-1HB20-0AA0	6480.-		3SU1051-1HB20-0AA0	7540.-		
Twin pushbutton, 22 mm, round, green: I, red: O, pushbuttons, flat and raised		3SU1000-3BB42-0AK0	3305.-		3SU1050-3BB42-0AK0	4020.-		
Indicator lights, 22 mm, round, lens, smooth		3SU1001-6AA_0-0AA0 ↑ Colour	1205.-		3SU1051-6AA_0-0AA0 ↑ Colour	1390.-	0 ● Amber 2 ● Red 3 ● Yellow 4 ● Green 5 ● Blue 6 ○ White 7 ○ Clear	
⊕								
Description		Type	Unit LP ₹		Type	Unit LP ₹		
Holder to be selected along with individual Actuating and Signaling Elements		Plastic Holder 3SU1500-0AA10-0AA0*	650.-		Universal Holder - Suitable for Plastic and Metal 3SU1550-0AA10-0AA0*	720.-		

Description		Type	Unit LP ₹
Contact Modules	1NO	3SU1400-1AA10-1BA0*	1490.-
	1NC	3SU1400-1AA10-1CA0*	1490.-
	1NO+1NC	3SU1400-1AA10-1FA0	2490.-
	2NO	3SU1400-1AA10-1DA0	3440.-
	2NC	3SU1400-1AA10-1EA0	3440.-

* MOQ - 5

Description		Type	Unit LP ₹	Colour
LED Modules	24V AC/DC	3SU1401-1BB_0-1AA0 *	2320.-	0 ● Amber
	110V AC	3SU1401-1BC_0-1AA0	4095.-	2 ● Red
	230V AC	3SU1401-1BF_0-1AA0	4095.-	3 ● Yellow
	6 ... 24 V AC/DC	3SU1401-1BG_0-1AA0	2790.-	4 ● Green
	24 ... 240V AC/DC	3SU1401-1BH_0-1AA0 ↑ Colour	4950.-	5 ● Blue 6 ○ White



SIRIUS ACT

Innovative Technology...
Simple Installations...

NEW

SIRIUS ACT with PROFINET

SIRIUS ACT with PROFINET connects pushbuttons and indicator lights directly via PROFINET to the controller and HMI devices – including with safety functions

Description		Type	Unit LP ₹						
Push Button and Signaling Devices									
Multiple version available		3SU10_--_--_--_--_--	Refer Page no. 79						
Holder to be selected along with individual Actuating and Signaling Elements	Plastic	3SU1500-0AA10-0AA0	650.-						
	Universal	3SU1550-0AA10-0AA0	720.-						
Profinet Interface Modules									
Standard IM, 24 V DC 1 ... 20 terminal modules can be connected		3SU1400-1LK10-1AA1	73615.-						
Fail Safe IM F, 24 V DC 1 ... 20 terminal modules can be connected		3SU1400-1LL10-1BA1	114945.-						
Profinet Terminal Modules									
				2 Contacts	2 Contacts with LED	LED	Colour		
With 2 contacts	3SU1400-1MA10-1BA1		11250.-				0		Amber
With 2 contacts and integrated LED	3SU1401-1MC_0-1CA1 ↑ Colour		11780.-				2		Red
	3SU1401-1ME_0-1DA1 ↑ Colour		10890.-				3		Yellow
							4		Green
With integrated LED							5		Blue
				6		White			
Accessories									
Flat Ribbon Cable, 7-core		3SU1900-0KQ80-0AA0	1625.-						

Modern Access Management

ID Key Operated Switches - Groups of employees or individuals can be authenticated by means of the ID key-operated switch. Color-coded keys for easy distinction between users.

Description			Type	Unit LP ₹	Description			Type	Unit LP ₹
ID Key operated switches					Electronic Modules				
ID key-operated switches Number of switching positions: 4 Switch position for key removal: Key removal possible in all 4 positions		Plastic, black	3SU1000-4WS10-0AA0	16690.-	Electronic modules for ID key-operated switches		3SU1400-1GC10-1AA0	48220.-	
Holder Holder needs to be selected along with individual Actuating and Signaling Elements	Plastic		3SU1500-0AA10-0AA0	650.-	ID Keys				
					Green: ID Group 1		3SU1900-0FV40-0AA0	3120.-	
					Yellow: ID Group 2		3SU1900-0FW30-0AA0		
					Red: ID Group 3		3SU1900-0FX20-0AA0		
					Blue: ID Group 4		3SU1900-0FY50-0AA0		



SIRIUS 8WD46

Electronically configurable
signaling column

NEW

SIEMENS

Indicating Lamps 3SB5

Compact LED indicating lamps

	Voltage	Colour	Type	Unit LP ₹	Std Pkg (nos.)
	24 V AC/DC 50/60 Hz	Red	■ 3SB5285-6HC01	530.-	10
		Green	■ 3SB5285-6HE01		10
		Amber	■ 3SB5285-6HL01		10
		Blue	■ 3SB5285-6HF01	1325.-	10
		White	■ 3SB5285-6HG01	530.-	10
		Yellow	■ 3SB5285-6HD01		10
		Clear	■ 3SB5285-6HH01		10
	30V DC ®	Red	■ 3SB5285-6HC13	590.-	10
		Green	■ 3SB5285-6HE13		10
		Amber	■ 3SB5285-6HL13		10
		Blue	■ 3SB5285-6HF13	1520.-	10
		White	■ 3SB5285-6HG13	590.-	10
		Yellow	■ 3SB5285-6HD13		10
		Clear	■ 3SB5285-6HH13		10
	110 V AC 50/60 Hz	Red	■ 3SB5285-6HC02	530.-	10
		Green	■ 3SB5285-6HE02		10
		Amber	■ 3SB5285-6HL02		10
		Blue	■ 3SB5285-6HF02	1325.-	10
		White	■ 3SB5285-6HG02	530.-	10
		Yellow	■ 3SB5285-6HD02		10
		Clear	■ 3SB5285-6HH02		10
	110 V DC®	Red	■ 3SB5285-6HC04	590.-	10
		Green	■ 3SB5285-6HE04		10
		Amber	■ 3SB5285-6HL04		10
		Blue	■ 3SB5285-6HF04	1520.-	10
		White	■ 3SB5285-6HG04	590.-	10
		Yellow	■ 3SB5285-6HD04		10
		Clear	■ 3SB5285-6HH04		10
	220/240 V AC 50/60 Hz	Red	■ 3SB5285-6HC03	530.-	10
		Green	■ 3SB5285-6HE03		10
		Amber	■ 3SB5285-6HL03		10
		Blue	■ 3SB5285-6HF03	1325.-	10
		White	■ 3SB5285-6HG03	530.-	10
		Yellow	■ 3SB5285-6HD03		10
		Clear	■ 3SB5285-6HH03		10
	220 V DC®	Red	■ 3SB5285-6HC05	590.-	10
		Green	■ 3SB5285-6HE05		10
		Amber	■ 3SB5285-6HL05		10
		Blue	■ 3SB5285-6HF05	1520.-	10
		White	■ 3SB5285-6HG05	590.-	10
		Yellow	■ 3SB5285-6HD05		10
		Clear	■ 3SB5285-6HH05		10

Now also available in 415V - Prices on request

Wide band compact LED indicating lamps

	Voltage	Colour	Type	Unit LP ₹	Std Pkg (nos.)
	24 to 240 V AC & 24 to 240 V DC NEW	Red	■ 3SB5235-6HC14	880.-	10
		Green	■ 3SB5235-6HE14		10
		Amber	■ 3SB5235-6HL14		10
		Blue	■ 3SB5235-6HF14	1505.-	10
		White	■ 3SB5235-6HG14	880.-	10
		Yellow	■ 3SB5235-6HD14		10
		Clear	■ 3SB5235-6HH14		10

Modular Indicating Lamps (with plastic front ring) Lens Assembly

	Colour	Type	Unit LP ₹	Std Pkg (nos.)
	Red	■ 3SB5201-6BC00	175.-	10
	Green	■ 3SB5201-6BE00		10
	Amber	■ 3SB5201-6BL00		10
	Blue	■ 3SB5201-6BF00		10
	White	■ 3SB5201-6BG00		10
	Yellow	■ 3SB5201-6BD00		10
	Clear	■ 3SB5201-6BH00		10

Illumination Module[§] - (suitable for INTEGRATED LED lamp)

	Voltage	Colour	Type	Unit LP ₹	Std Pkg (nos.)
	24 V AC/DC 50/60 Hz	Red	■ 3SB5400-7CC	450.-	10
		Green	■ 3SB5400-7CE	450.-	10
		Amber	■ 3SB5400-7CL	450.-	10
		Blue	■ 3SB5400-7CF	1430.-	10
		White†	■ 3SB5400-7CG	450.-	10
		Yellow	■ 3SB5400-7CD	450.-	10
	110 V AC 50/60 Hz	Red	■ 3SB5400-7EC	450.-	10
		Green	■ 3SB5400-7EE	450.-	10
		Amber	■ 3SB5400-7EL	450.-	10
		Blue	■ 3SB5400-7EF	1430.-	10
		White†	■ 3SB5400-7EG	450.-	10
		Yellow	■ 3SB5400-7ED	450.-	10
	110 V DC®	Red	■ 3SB5400-7DC	450.-	10
		Green	■ 3SB5400-7DE	450.-	10
		Amber	■ 3SB5400-7DL	450.-	10
		Blue	■ 3SB5400-7DF	1430.-	10
		White†	■ 3SB5400-7DG	450.-	10
		Yellow	■ 3SB5400-7DD	450.-	10
	230 V AC 50/60 Hz	Red	■ 3SB5400-7TC	450.-	10
		Green	■ 3SB5400-7TE	450.-	10
		Amber	■ 3SB5400-7TL	450.-	10
		Blue	■ 3SB5400-7TF	1430.-	10
		White†	■ 3SB5400-7TG	450.-	10
		Yellow	■ 3SB5400-7TD	450.-	10
	220 V DC®	Red	■ 3SB5400-7HC	450.-	10
		Green	■ 3SB5400-7HE	450.-	10
		Amber	■ 3SB5400-7HL	450.-	10
		Blue	■ 3SB5400-7HF	1430.-	10
		White†	■ 3SB5400-7HG	450.-	10
		Yellow	■ 3SB5400-7HD	450.-	10



@ Use of bridge rectified DC source (filtered O/P) recommended

† Can be used with clear lens.

§ Illumination module can be used with lens assembly, illuminated push buttons & illuminated selector actuators.

■ Stock items

Push buttons

Modular Push button actuators (with plastic front ring)

Description	Colour	Type	Unit LP ₹	Std Pkg (nos.)
Opaque actuator (with holder for contact block)				
	Normal	Red ■ 3SB5000-0AC01	155.-	10
		Green ■ 3SB5000-0AE01		
		Blue ■ 3SB5000-0AF01		
		White ■ 3SB5000-0AG01		
		Yellow ■ 3SB5000-0AD01		
	Black ■ 3SB5000-0AB01		175.-	10
	Raised	Red ■ 3SB5000-0LC01		
		Green ■ 3SB5000-0LE01		
		Blue ■ 3SB5000-0LF01		
		White ■ 3SB5000-0LG01		
	Normal	Red ■ 3SB5001-0AC01-0PQ0	200.-	10
		Green ■ 3SB5001-0AE01-0PQ0		
		Amber ■ 3SB5001-0AL01-0PQ0		
		Blue ■ 3SB5001-0AF01-0PQ0		
		White ■ 3SB5001-0AG01-0PQ0		
	Yellow ■ 3SB5001-0AD01-0PQ0		210.-	10
	Clear ■ 3SB5001-0AH01-0PQ0			
	Raised	Red ■ 3SB5218-0LC01-0PQ0		
		Green ■ 3SB5218-0LE01-0PQ0		
		Amber ■ 3SB5218-0LL01-0PQ0		
		Blue ■ 3SB5218-0LF01-0PQ0		
		White ■ 3SB5218-0LG01-0PQ0		
		Yellow ■ 3SB5218-0LD01-0PQ0		
		Clear ■ 3SB5218-0LH01-0PQ0		

Modular Selector Actuators (with plastic front ring)

Description		Colour	Type	Unit LP ₹	Std Pkg (nos.)	
2 position opaque selector actuator (with holder for contact block)						
	Maintained	Black	■ 3SB5000-2AB01	530.-	10	
		Red	■ 3SB5000-2AC01			
	Momentary	Black	■ 3SB5000-2BB01			
		Red	■ 3SB5000-2BC01			
3 position opaque selector actuator (with holder for contact block)						
	Maintained	Black	■ 3SB5000-2DB01	540.-	10	
		Red	■ 3SB5000-2DC01			
	Momentary	Black	■ 3SB5000-2EB01			
		Red	■ 3SB5000-2EC01			
2 position illuminated selector actuator (with holder for contact block)						
	Maintained	Red	■ 3SB5001-2AC01	520.-	10	
		Green	■ 3SB5001-2AE01			
		Blue	■ 3SB5001-2AF01			
		Yellow	■ 3SB5001-2AD01			
	Clear	■ 3SB5001-2AH01				
		Momentary	Red			■ 3SB5001-2BC01
			Green			■ 3SB5001-2BE01
			Blue			■ 3SB5001-2BF01
Yellow	■ 3SB5001-2BD01					
Clear	■ 3SB5001-2BH01					
3 position illuminated selector actuator (with holder for contact block)						
	Maintained	Red	■ 3SB5001-2DC01	545.-	10	
		Green	■ 3SB5001-2DE01			
		Blue	■ 3SB5001-2DF01			
		Yellow	■ 3SB5001-2DD01			
	Clear	■ 3SB5001-2DH01				
		Momentary	Red			■ 3SB5001-2EC01
			Green			■ 3SB5001-2EE01
			Blue			■ 3SB5001-2EF01
			Yellow			■ 3SB5001-2ED01
Clear	■ 3SB5001-2EH01					

Contact Blocks for Push button, Selector & Key Actuators

Description	Configuration	Type	Unit LP ₹	Std Pkg (nos.)
Contact blocks for rear mounting (for panel mounting)				
	1 NO	■ 3SB5400-0B	185.-	10
	1NC	■ 3SB5400-0C		10
	1NO + 1 NC	■ 3SB5400-0A		10
	2 NO	■ 3SB5400-0E	350.-	10
	2 NC	■ 3SB5400-0F		10

Mushroom Actuators (with plastic front ring)

Description	Colour	Type	Unit LP ₹	Std Pkg (nos.)
Mushroom actuator (40 mm ø) (with holder for contact block)				
momentary	Black	■ 3SB5000-1NB01	325.-	10
	Red	■ 3SB5000-1NC01		
push to trip, turn to release	Black	■ 3SB5000-1CB01	370.-	10

Mushroom Actuators (with plastic front ring) for Emergency Stop Specifications

NEW Description	Colour	Type	Unit LP ₹	Std Pkg (nos.)
Enhanced Safety and Monitoring with MNCB				
Mushroom Actuator, E-Stop (40mm) with MNCB (1NC)	Red	■ 3SB5204-0UC01	630.-	10
MNCB (Mounting Monitoring Contact Block, 1NC)		■ 3SB5400-0M	300.-	10

MNCB should be assembled only on middle slot "5-6" of the holder

Description	Colour	Type	Unit LP ₹	Std Pkg (nos.)
Mushroom actuator (40 mm ø) push to trip, turn to release with 1NC	Red	■ 3SB5203-0UC01	605.-	10
Mushroom actuator (40 mm ø) push to trip, turn to release	Red	■ 3SB5000-0UC01	440.-	10
Mushroom actuator (40 mm ø) push to trip, key to release	Red	■ 3SB5000-0TC01	2310.-	10

Modular key actuators (with plastic front ring)

Description	Colour	Type	Unit LP ₹	Std Pkg (nos.)
2 position key actuator (with holder for contact block)	Maintained	 ■ 3SB5000-4AC01	865.-	10
		 3SB5000-4AA01		10
		 3SB5000-4AB01		10
	Momentary	 ■ 3SB5000-4TA01		10
		 3SB5000-4TC01		10
3 position key actuator (with holder for contact block)	Maintained	 ■ 3SB5000-4HA01	905.-	10
		 3SB5000-4HC01		10
		 3SB5000-4HB01		10
	Momentary	 ■ 3SB5000-4JA01		10

* Key removable position

L - Left, R - Right, C - Centre, KL - Key at Left, KR - Key at Right, KC - Key at Centre

Twin Push Button Actuators

Description	Type	Unit LP ₹	Std Pkg (nos.)
Complete actuator with holder for contact block			
Opaque with 1NO & 1NC	■ 3SB5201-7EC01	660.-	10
Illuminated with 1NO & 1NC	■ 3SB5234-7EC01	695.-	10
Modular actuator with holder for contact block			
Opaque	■ 3SB5000-7EC01	320.-	10
Illuminated	■ 3SB5001-7EC01	330.-	10

■ Stock items

Push button Stations

No. of control points	Description	Type	Unit LP ₹	Std Pkg (nos.)
Metal enclosure: Aluminum Die Cast				
1	Normal opaque push button - Green with 1NO contact block, "START"	3SB5801-8AA3	2180.-	1
1	Red mushroom momentary actuator, with 1NC contact block, "STOP"	3SB5801-8AN3	2345.-	1
1	Red maintained mushroom actuator, turn to release, with 1NC contact block, "E-STOP"	3SB5801-8AM3	3090.-	1
2	Normal opaque push button - Green with 1NO contact block, "START" + Normal opaque push button - Red with 1NC contact block, "STOP"	3SB5802-8AC3	2705.-	1
2	Normal opaque push button - Green with 1NO contact block, "START" + Red mushroom-maintained with 1NC contact block, "STOP"	3SB5802-8AE3	3425.-	1
3	Normal opaque push button - Green with 1NO contact block, "START" + Normal opaque push button - Red with 1NC contact block, "STOP" + Normal opaque push button - Black with 1NO contact block, "REVERSE"	3SB5803-8AH3	3835.-	1
Pendant mounting: Aluminum Die Cast				
2	Normal opaque push button - Green with 1NO contact block, "START" + Normal opaque push button - Red with 1NC contact block, "STOP"	3SB5822-8AC3	3680.-	1
3	Normal opaque push button - Green with 1NO contact block, "START" + Normal opaque push button - Red with 1NC contact block, "STOP" + Normal opaque push button - Black with 1NO contact block, "REVERSE"	3SB5823-8AH3	4790.-	1
Plastic Enclosure				
1	Normal opaque push button - Green with 1NO contact block, "START"	3SB5801-7AA3	1250.-	1
1	Red mushroom momentary actuator, with 1NC contact block, "STOP"	3SB5801-7AN3	1250.-	1
1	Red maintained mushroom actuator, turn to release, with 1NC contact block, "E-STOP"	3SB5801-7AM3	1360.-	1
2	Normal opaque push button - Green with 1NO contact block, "START" + Normal opaque push button - Red with 1NC contact block, "STOP"	3SB5802-7AC3	1470.-	1
2	Normal opaque push button - Green with 1NO contact block, "START" + Red mushroom-maintained with 1NC contact block, "STOP"	3SB5802-7AE3	1685.-	1
3	Normal opaque push button - Green with 1NO contact block, "START" + Normal opaque push button - Red with 1NC contact block, "STOP" + Normal opaque push button - Black with 1NO contact block, "REVERSE"	3SB5804-7AG3	1860.-	1
Pendant mounting: Plastic				
1	Normal opaque push button - Green with 1NO contact block, "START"	3SB5821-7AA3	2695.-	1
2	Normal opaque push button - Green with 1NO contact block, "START" + Normal opaque push button - Red with 1NC contact block, "STOP"	3SB5822-7AC3	3295.-	1
3	Normal opaque push button - Green with 1NO contact block, "FORWARD" + Normal opaque push button - Red with 1NC contact block, "STOP" + Normal opaque push button - Black with 1NO contact block, "REVERSE"	3SB5823-7AH3	4310.-	1



Accessories for push button stations

Description	Type	Unit LP ₹	Std Pkg (nos.)
Plastic Enclosures			
1 way, Grey	3SB5801-0AC3	910.-	1
2 way, Grey	3SB5802-0AC3	775.-	1
3 way, Grey	3SB5803-0AC3	790.-	1
4 way, Grey	3SB5804-0AC3	1735.-	1
6 way, Grey	3SB5806-0AC3	2420.-	1
1 way, Yellow	3SB5801-0AD3	910.-	1
Metal Enclosures			
1 way	3SB5801-4AC3	1840.-	1
2 way	3SB5802-4AC3	2000.-	1
3 way	3SB5803-4AC3	2780.-	1
Contact Block			
Contact block for base mounting, 1NO	3SB54200B	185.-	10
Contact block for base mounting, 1NC	3SB54200C	185.-	10
Inscription Labels (set of 11 labels)			
Set of 11 labels: Start, Stop, On, OFF, Up, Down, Open, Close Forward, Reverse, Emergency Off	3SB5901-3EA	355.-	10
Blanking plug			
Blanking plug	3SB5912-0BC	110.-	10

Accessories

Description		Type	Unit LP ₹	Std Pkg (nos.)
Inscription plates	START	3SB5901-2EL	80.-	10
	STOP	3SB5901-2EK		10
	ON	3SB5901-2EB		10
	OFF	3SB5901-2EC		10
	UP	3SB5901-2ED		10
	DOWN	3SB5901-2EE		10
	FORWARD	3SB5901-2EF		10
	SLOW	3SB5901-2ES		10
	FAST	3SB5901-2ER		10
	REVERSE	3SB5901-2EG		10
	BLANK	3SB5901-2AA		10
	TRIP	3SB5901-2EA		10
Thrust cap for Push Buttons (for actuating middle module)		3SB5902-0AA	80.-	10
Thrust pad for Selector Actuators (for actuating middle module)		3SB5912-0AN	80.-	10
Adaptor plate for replacing 30 mm PB by 22 mm		3SB5921-0AE	80.-	10
E-stop Yellow dia. 75 mm for Mushroom - Blank (Yellow contrast label)		3SB5921-0AB	80.-	10
E-stop Yellow dia. 75 mm with "EMERGENCY STOP" printing		3SB5921-0AD	80.-	10
Protective Cap (IP-67) for	Normal	3SB5902-0AK	100.-	10
	Raised	3SB5902-0AN		
Metallic holder for front connection actuators (when used outside 3SB508 stations)		3SB5911-1AA	120.-	10

■ Stock items



SIRIUS 3SE5

Position Switches

Modular design for all applications

Modular design with many standardized components

- Plug-in design and replacement of the actuator heads
- Exchangeable two and three pole contact blocks
- Turnable actuator heads around the axis in increments of 22.5°, with total 16 positions
- Quick-connect technology
- Optional LED Displays
- Communication Capable (AS-i Safe)

SIEMENS

Position Switches - 3SE5

NEW

Open Type 30mm

Actuator Type		Contact Arrangement	No. of Contacts	Type	Unit LP ₹	Std. pkg. (nos.)
Open		Snap Action	1NO + 1NC	3SE5250-0CC05-8K	1010.-	10
		Slow Action		3SE5250-0BC05-8K	965.-	10

Open Type 30mm

Actuator Type		Contact Arrangement	No. of Contacts	Type	Unit LP ₹	Std. pkg. (nos.)
Open		Snap Action	1NO + 2NC	3SE5250-0LC05-8K	1565.-	10
		Slow Action	1NO + 2NC	3SE5250-0KC05-8K		10
		Slow action contacts with make before break	1NO + 2NC	3SE5250-0MC05-8K		10
		Slow action	2NO + 1 NC	3SE5250-0PC05-8K		10

Plastic enclosure: Enclosed type modular unit

Basic switch

Width	Basic switch	Contact Arrangement	No. of Contacts	Type	Unit LP ₹	Std. pkg. (nos.)
31mm (IP 65)		Snap Action	1NO + 1NC	3SE5232-0CC05-8K	1120.-	1
		Slow Action	1NO + 1NC	3SE5232-0BC05-8K	1090.-	1
		Snap Action	1NO + 2NC	3SE5232-0LC05-8K	1645.-	1
		Slow Action	1NO + 2NC	3SE5232-0KC05-8K		1
		Slow-action contacts with make-before-break	1NO + 2NC	3SE5232-0MC05-8K		1
		Slow Action	2NO + 1NC	3SE5232-0PC05-8K		1
50mm (IP 66/67)		Snap Action	1NO + 1NC	3SE5242-0CC05-8K	1205.-	1
		Slow Action	1NO + 1NC	3SE5242-0BC05-8K	1105.-	1
		Snap Action	1NO + 2NC	3SE5242-0LC05-8K	1780.-	1
		Slow Action	1NO + 2NC	3SE5242-0KC05-8K		1
		Slow-action contacts with make-before-break	1NO + 2NC	3SE5242-0MC05-8K		1
		Slow Action	2NO + 1NC	3SE5242-0PC05-8K		1

Metal enclosure: Enclosed type modular unit IP 66/ IP 67

Basic switch

Width	Basic switch	Contact Arrangement	No. of Contacts	Type	Unit LP ₹	Std. pkg. (nos.)
31mm		Snap Action	1NO + 1NC	3SE5212-0CC05-8K	1795.-	1
		Slow Action	1NO + 1NC	3SE5212-0BC05-8K	1625.-	1
		Snap Action	1NO + 2NC	3SE5212-0LC05-8K	1920.-	1
		Slow Action	1NO + 2NC	3SE5212-0KC05-8K		1
		Slow-action contacts with make-before-break	1NO + 2NC	3SE5212-0MC05-8K	2040.-	1
		Slow Action	2NO + 1NC	3SE5212-0PC05-8K		1
40mm		Snap Action	1NO + 1NC	3SE5112-0CA00-8K	1930.-	1
		Slow Action	1NO + 1NC	3SE5112-0BA00-8K	1720.-	1
		Snap Action	1NO + 2NC	3SE5112-0LA00-8K	2090.-	1
		Slow Action	1NO + 2NC	3SE5112-0KA00-8K		1
		Slow-action contacts with make-before-break	1NO + 2NC	3SE5112-0MA00-8K	2190.-	1
		Slow Action	2NO + 1NC	3SE5112-0PA00-8K		1
56mm		Snap Action	1NO + 1NC	3SE5122-0CA00-8K	2165.-	1
		Slow Action	1NO + 1NC	3SE5122-0BA00-8K	1975.-	1
		Snap Action	1NO + 2NC	3SE5122-0LA00-8K	2760.-	1
		Slow Action	1NO + 2NC	3SE5122-0KA00-8K		1
		Slow-action contacts with make-before-break	1NO + 2NC	3SE5122-0MA00-8K	2990.-	1
		Slow Action	2NO + 1NC	3SE5122-0PA00-8K		1

Plastic Roller Actuators heads for plastic 31mm & 50mm and Metal 31mm

Actuator Type	Actuators heads	Type	Unit LP ₹	Std. pkg. (nos.)
Roller Plunger		3SE5000-0AD03-8K	410.-	5
Roller lever		3SE5000-0AE10-8K	210.-	5
Angular Roller lever		3SE5000-0AF10-8K	260.-	5
Part turn actuator for twist lever		3SE5000-0AK00-8K	215.-	5
Twist Lever		3SE5000-0AA21-8K [#]	175.-	5
Twist Lever (Adjustable)		3SE5000-0AA50-8K [#]	355.-	5
Twist lever 50mm dia (Adjustable) Rubber Roller		3SE5000-0AA58-8K [#]	530.-	5
Twist lever 50mm dia (Adjustable) Plastic roller NEW		3SE5000-0AA57-8K [#]	395.-	5

Plastic Roller Actuators heads for metal 40mm and 56mm

Actuator Type	Actuators heads	Type	Unit LP ₹	Std. pkg. (nos.)
Roller lever		3SE5000-0AE01-8K	300.-	5
Angular Roller lever		3SE5000-0AF01-8K	550.-	5
Part turn actuator for twist lever		3SE5000-0AH00-8K	445.-	5
Twist Lever		3SE5000-0AA01-8K [#]	210.-	5
Twist Lever (Adjustable)		3SE5000-0AA50-8K [#]	355.-	5
Fork type		3SE5000-0AT01-8K ^{\$}	260.-	5
Mounting Head for Fork Type		3SE5000-0AT10-8K	2280.-	5
Twist lever 50mm dia (Adjustable)		3SE5000-0AA58-8K [#]	530.-	5
Twist lever 50mm dia (Adjustable) Plastic roller NEW		3SE5000-0AA57-8K [#]	395.-	5

Notes:

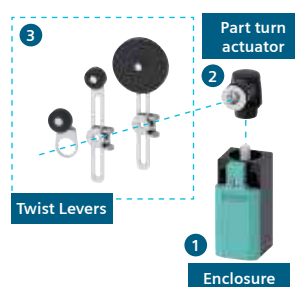
1. The basic switch comes with a Teflon plunger, in case of rounded plunger requirements no need to order actuator separately
2. # Twist levers are to be ordered with part turn actuator to allow fitment on enclosure
3. \$ Fork type actuator shall be ordered with mounting head 3SE5000-0AT10-8K

Metal Roller Actuators heads for plastic 31mm & 50mm and Metal 31mm

Actuator Type	Actuators heads	Type	Unit LP ₹	Std. pkg. (nos.)
Roller Plunger		3SE5000-0AD04-8K	460.-	5
Roller lever		3SE5000-0AE11-8K	320.-	5
Part turn actuator for twist lever		3SE5000-0AK00-8K	215.-	5
Twist Lever (Adjustable)		3SE5000-0AA51-8K [#]	415.-	5
Plain Plunger		3SE5000-0AB01-8K	590.-	5

Metal Roller Actuators heads for metal 40mm and 56mm

Actuator Type	Actuators heads	Type	Unit LP ₹	Std. pkg. (nos.)
Rounded Plunger		3SE5000-0AC02-8K	370.-	5
Roller Plunger		3SE5000-0AD02-8K	565.-	5
Roller lever		3SE5000-0AE02-8K	505.-	5
Angular Roller lever		3SE5000-0AF02-8K	610.-	5
Part turn actuator for twist lever		3SE5000-0AH00-8K	445.-	5
Twist Lever		3SE5000-0AA02-8K [#]	250.-	5
Twist Lever (Adjustable)		3SE5000-0AA51-8K [#]	415.-	5



Spare and Accessories

Actuator Type		Description	Type	Unit LP ₹	Std. pkg. (nos.)
Empty enclosures		Empty enclosures without contact block	3SE5250-0AC05-8K	415.-	10

Spares for Open & enclosed switch

Actuator Type		Contact Arrangement	No. of Contacts	Type	Unit LP ₹	Std. pkg. (nos.)
Contact block		Slow action	1NO + 1NC	3SE5050-0BA00-8K*	860.-	10
		Snap action		3SE5050-0CA00-8K*		10
		Slow action		3SE5000-0BA00-8K		10
		Snap action		3SE5000-0CA00-8K		10
		Slow action	1NO + 2NC	3SE5000-0KA00-8K	1090.-	10
		Snap action		3SE5000-0LA00-8K		10
		Slow-action contacts with make-before-break		3SE5000-0MA00-8K	1135.-	10
		Slow action	2NO + 1 NC	3SE5000-0PA00-8K		10

Note: 3SE5000-0BA00-8K can be used only with enclosed type switch

* Suitable for Open execution

Actuator Type		Description	Type	Unit LP ₹	Std. pkg. (nos.)
Cable gland		Molded Plastic Cable Gland, M20X1.5	3SX9926	1430.-	5

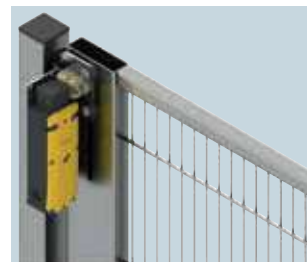
Actuator Type		Type	Type	Unit LP ₹	Std. pkg. (nos.)
31MM		Plastic	3SE5232-0AC05-8K	775.-	1
50MM			3SE5242-0AC05-8K	1135.-	1
31MM		Metal	3SE5212-0AC05-8K	1295.-	1
40MM			3SE5112-0AA00-8K	1565.-	1
56MM			3SE5122-0AA00-8K	1760.-	1



SIRIUS Safety switches

Mechanical Safety Switches With Tumbler

The safety switches with tumbler are exceptional safety-related devices which prevent an unforeseen or intentional opening of protective doors, protective grilles or other covers as long as a dangerous situation is present. Single switch can be used for SIL 2 / PL d safety level and with the use of a second switch SIL 3 / PL e safety level can be achieved.



		Solenoid Voltage	Plastic Enclosure 1300N Locking Force	Metal Enclosure 2600N Locking Force
 3SE5322-0SD21	With auxiliary release	24VDC	3SE5322-0SD21	3SE5312-0SD11
		115VAC	3SE5322-0SD22	3SE5312-0SD12
		230VAC	3SE5322-0SD23	3SE5312-0SD13
 3SE5322-0SE21	With auxiliary release with lock	24VDC	3SE5322-0SE21	3SE5312-0SE11
		115VAC	3SE5322-0SE22	3SE5312-0SE12
		230VAC	3SE5322-0SE23	3SE5312-0SE13
 3SE5322-0SF21	With escape release from the front	24VDC	3SE5322-0SF21	3SE5312-0SF11
		115VAC	3SE5322-0SF22	3SE5312-0SF12
		230VAC	3SE5322-0SF23	3SE5312-0SF13
 3SE5322-0SG21	With escape release from the back and auxiliary release from the front	24VDC	3SE5322-0SG21	3SE5312-0SG11
		115VAC	3SE5322-0SG22	3SE5312-0SG12
		230VAC	3SE5322-0SG23	3SE5312-0SG13
 3SE5322-0SJ21	With emergency release from the back and auxiliary release from the front	24VDC	3SE5322-0SJ21	3SE5312-0SJ11
		115VAC	3SE5322-0SJ22	3SE5312-0SJ12
		230VAC	3SE5322-0SJ23	3SE5312-0SJ13
 3SE5322-0SB21	Solenoid-locked	24VDC	3SE5322-0SB21	3SE5312-0SB11
		115VAC	3SE5322-0SB22	3SE5312-0SB12
		230VAC	3SE5322-0SB23	3SE5312-0SB13



3SE5000-0AV01



3SE5000-0AV02



3SE5000-0AV03



3SE5000-0AV05-1AA6



3SE5000-0AV07

Accessories

Description		Type
Standard actuator	Length 75.6 mm	3SE5000-0AV01
	With vertical fixing, length 53 mm	3SE5000-0AV02
	With transverse fixing, length 47 mm	3SE5000-0AV03
Radius actuator length 51mm	Direction of approach from the left	3SE5000-0AV04
	Direction of approach from the right	3SE5000-0AV06
Universal radius actuator	Length 77 mm	3SE5000-0AV05
	Length 77 mm, tab rotated 90°	3SE5000-0AV05-1AA6
Universal radius actuator, heavy duty	Length 67 mm	3SE5000-0AV07-1AK2
	Length 77 mm	3SE5000-0AV07

Prices available on request

SIEMENS

Easy, flexible, efficient

Integrated connection of the field level to the control –
Revolutionized automation applications with AS-I and benefits

www.siemens.com/as-interface

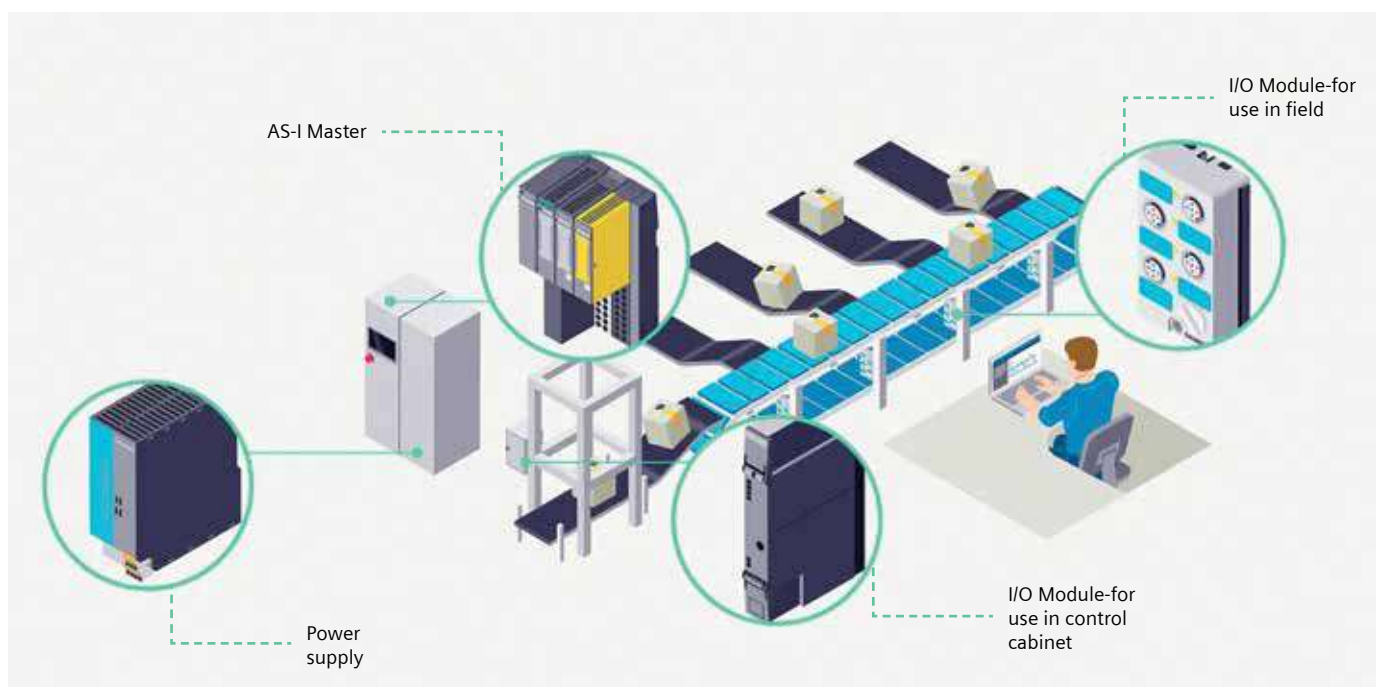
AS-I Masters and Power supplies



I/O Modules



Integrated Solutions





SIMOCODE pro: Flexible, modular and safe

The made-to-measure motor management system

- Motor protection, monitoring and control in a single system
- Fail-safe disconnection of motors
- Detailed operating, service and diagnostics data
- Open communication via PROFIBUS / PROFINET and OPC UA

SIEMENS

SIMOCODE Pro

Basic Unit

Description	Type
Pro S on Profibus with 110-240VAC/DC control	3UF7020-1AU01-0
Pro S on Profibus with 24VDC control	3UF7020-1AB01-0
Pro V on Profibus with 110-240VAC/DC control	3UF7010-1AU00-0
Pro V on Profibus with 24VDC control	3UF7010-1AB00-0
Pro C on Profibus with 110-240VAC/DC control	3UF7000-1AU00-0
Pro C on Profibus with 24VDC control	3UF7000-1AB00-0
Pro V PN on Profinet with 110-240VAC/DC control	3UF7011-1AU00-0
Pro V PN on Profinet with 24VDC control	3UF7011-1AB00-0
Pro V on Modbus RTU with 110-240VAC/DC control	3UF7012-1AU00-0
Pro V on Modbus RTU with 24VDC control	3UF7012-1AB00-0
Pro V on EtherNet/IP with 110-240VAC/DC control	3UF7013-1AU00-0
Pro V on EtherNet/IP with 24VDC control	3UF7013-1AB00-0

Current Measuring Module

Description	Type
0.3 to 3A	3UF7100-1AA00-0
2.4 to 25A	3UF7101-1AA00-0
10 to 100A	3UF7102-1AA00-0
20 to 200A	3UF7103-1AA00-0
20 to 200A (Busbar Connection)	3UF7103-1BA00-0
63 to 630A (Busbar Connection)	3UF7104-1BA00-0

Current/Voltage Measuring Module (2nd generation)

Description	Type
0.3 to 4A	3UF7110-1AA01-0
3.0 to 40A	3UF7111-1AA01-0
10 to 115A	3UF7112-1AA01-0
20 to 200A	3UF7113-1AA01-0
20 to 200A (Busbar Connection)	3UF7113-1BA01-0
63 to 630A (Busbar Connection)	3UF7114-1BA01-0

Prices available on request

Operator Panel (Optional)

Description	Type
Operator Panel without display	3UF7200-1AA01-0
Operator Panel with Display (for Pro V)	3UF7210-1AA01-0

Connecting Cable

Description	Type
Side by Side (0.025m flat)	3UF7930-0AA00-0
Length 0.1m (flat)	3UF7931-0AA00-0
Length 0.3m (flat)	3UF7935-0AA00-0
Length 0.5m (flat)	3UF7932-0AA00-0
Length 0.5m (round)	3UF7932-0BA00-0
Length 1m (round)	3UF7937-0BA00-0
Length 2.5m (round)	3UF7933-0BA00-0

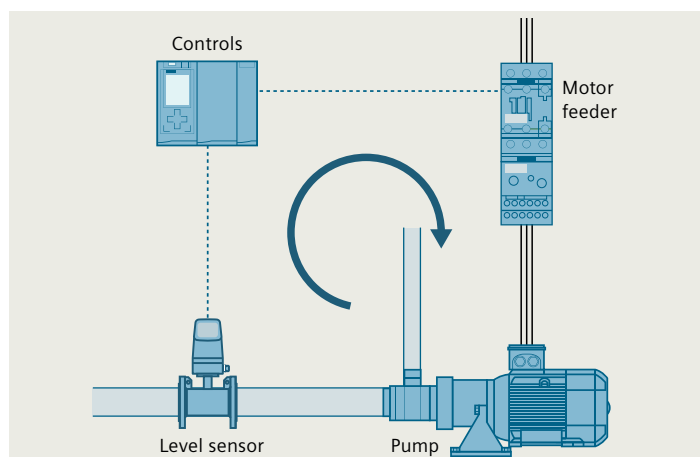
Configuration Software

Description	Type
SIRIUS SIMOCODE ES V21 Professional (online delivery); floating license for one user, engineering software.	3ZS1322-6CE21-0YB5
SIRIUS SIMOCODE ES V21 Professional (software and documentation on DVD, license key on USB); floating license for one user, engineering software	3ZS1322-6CC21-0YA5

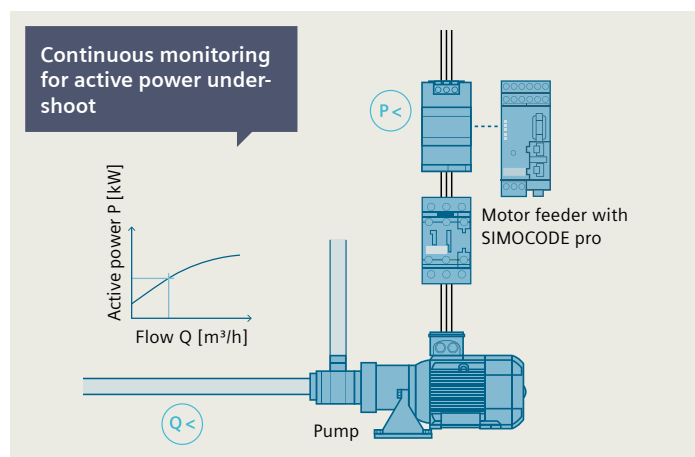
Accessories

Description	Type
PC Cable for PC/PG communication - USB connection	3UF7941-0AA00-0
Memory module for pro C	3UF7900-0AA01-0
Memory Module for pro S/V	3UF7901-0AA01-0
Addressing Plug for pro S, pro C & pro V on Profibus	3UF7910-0AA00-0
Door Adaptor	3UF7920-0AA00-0
Initialization module for the automatic parameterization of SIMOCODE pro S/pro V	3UF7902-0AA00-0

Your benefits through active power-based dry running protection

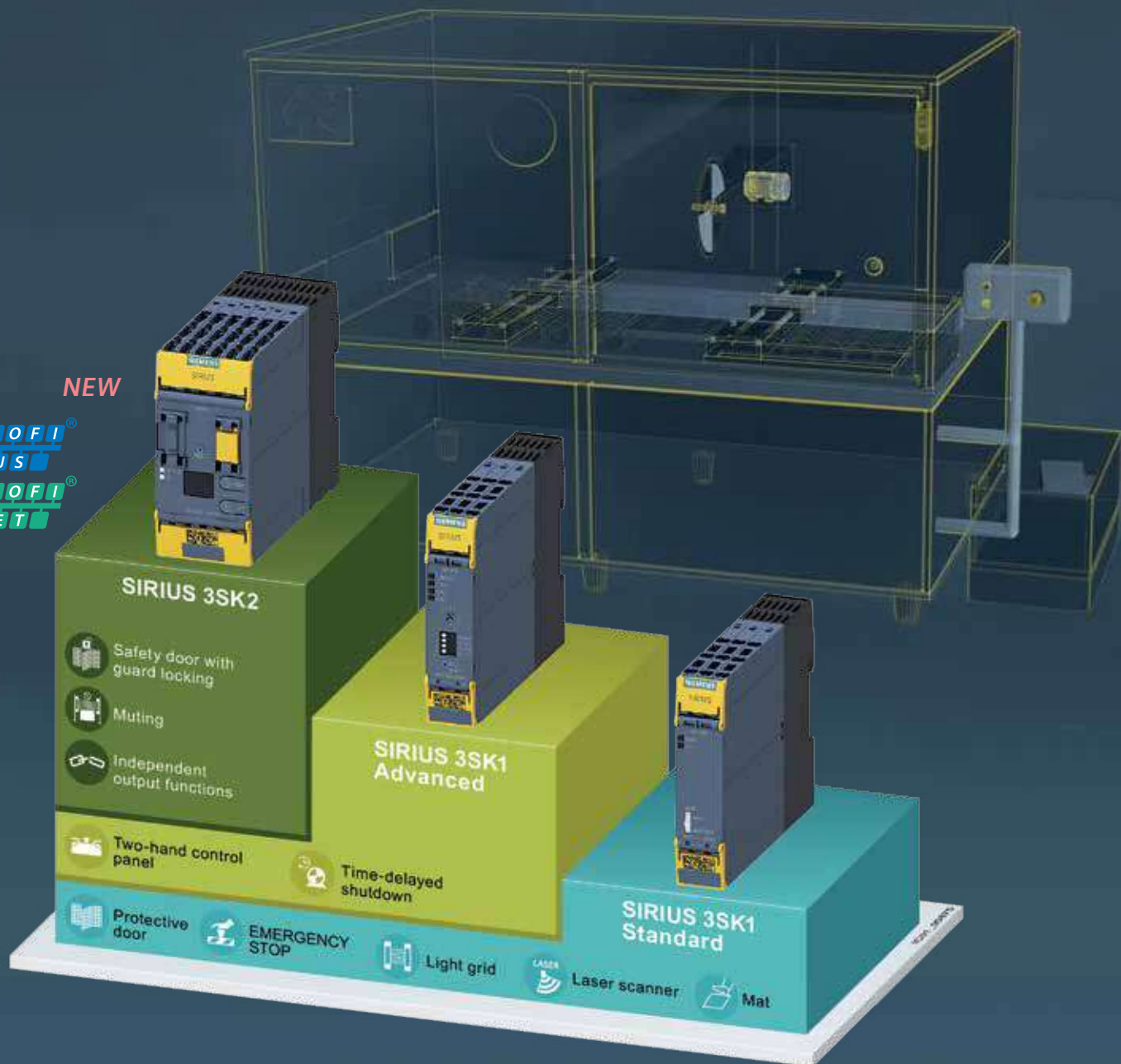


Conventional dry running monitoring with a sensor



Active power-based dry running protection

Earlier fault detection • Direct conclusions concerning the flow rate can be drawn from the active power consumption of the pump motor • Reliable prevention of dry running of the pump and therefore less damage to the pump	Cost and time savings • No maintenance effort due to the elimination of mechanical wear of the sensors • No additional sensor required	Reduction of hardware • No need for additional sensors and mechanical components • Simplified engineering	Reliable monitoring of the system • Compliance with ATEX and IECEx criteria • Reliable and automatic pump switch-off in the event of inadmissible operating conditions
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SIRIUS 3SK Safety relays

Select the optimum device – precisely for your application

SIRIUS 3SK safety relays offer outstanding simplicity and flexibility. Their modular design simplifies the planning, commissioning and expansion of plants. Simple safety functions, such as EMERGENCY STOP and protective door monitoring up to SIL 3 and PL e, can be quickly implemented without programming.

The safety relays are certified in accordance with IEC 62061 and ISO 13849-1 and are internationally applicable. The 3SK1 and 3SK2 versions of the device are available to meet differing requirements. The devices can be used for both stand-alone and integrated solutions.

www.siemens.com/safety-relays

SIEMENS

SIRIUS 3SK Safety relays

Relay enable circuit	Semiconductor enable circuit	Contacts				Rated control supply voltage	Unit LP ₹	MOQ
		EC	SC	EC (td)	Adjustable Time Delay (td)			
SIRIUS 3SK1 standard basic units								
3SK1111-1AB30		3	1	--	--	24V AC/DC	48640.-	1
3SK1111-1AW20		3	1	--	--	110-240V AC/DC	48640.-	1
	3SK1112-1BB40	2	1	--	--	24V DC	44705.-	1
SIRIUS 3SK1 advanced basic units								
3SK1121-1CB41		2	--	2	0.05...3 Sec	24V DC	74540.-	1
3SK1121-1CB42		2	--	2	0.5...30 Sec	24V DC	74540.-	1
3SK1121-1CB44		2	--	2	5.0...300 Sec	24V DC	74540.-	1
	3SK1122-1CB41	2	--	2	0.05...3 Sec	24V DC	44705.-	1
	3SK1122-1CB42	2	--	2	0.5...30 Sec	24V DC	44705.-	1
	3SK1122-1CB44	2	--	2	5.0...300 Sec	24V DC	44705.-	1
SIRIUS 3SK1 Output expansion module								
3SK1211-1BB00		4	1			24V AC	43825.-	1
3SK1211-1BB40		4	1			24V DC	43825.-	1
3SK1211-1BW20		4	1			110-240V AC/DC	43825.-	1
SIRIUS 3SK2 Basic Unit								
	3SK2112-1AA10	10	--	2	0.05...3 Sec	24V DC	Prices available on request	1
	3SK2122-1AA10	20	--	4	0.05...3 Sec			1

Note: EC = enable Circuit(s), SC = signaling circuit(s), td = delayed

Everything for your safety

Detecting

Which sensors can be connected?



SIRIUS 3SE5 position switches



SIRIUS ACT / 3SB5 Emergency STOP



SIRIUS ACT Two-hand operation consoles



SIRIUS foot switches

Evaluating

How can you perform quick, flexible evaluation?



SIRIUS 3SK Safety relays



SIRIUS 3RQ1 Coupling relays

Reacting

Which actuators can be connected?



SIRIUS 3RT Contactors



SIRIUS 3RW Soft Starter



SIRIUS 3RM1 Motor Starters

SIRIUS 3RQ1 coupling relays NEW

The 3RQ1 relays are force-guided in accordance with IEC 60947-5-1 (IEC 61810-3), the mechanical connection between the contacts ensures the NO and NC contacts are never closed simultaneously. This means failures to open can be reliably recognized in order to ensure maximum safety.

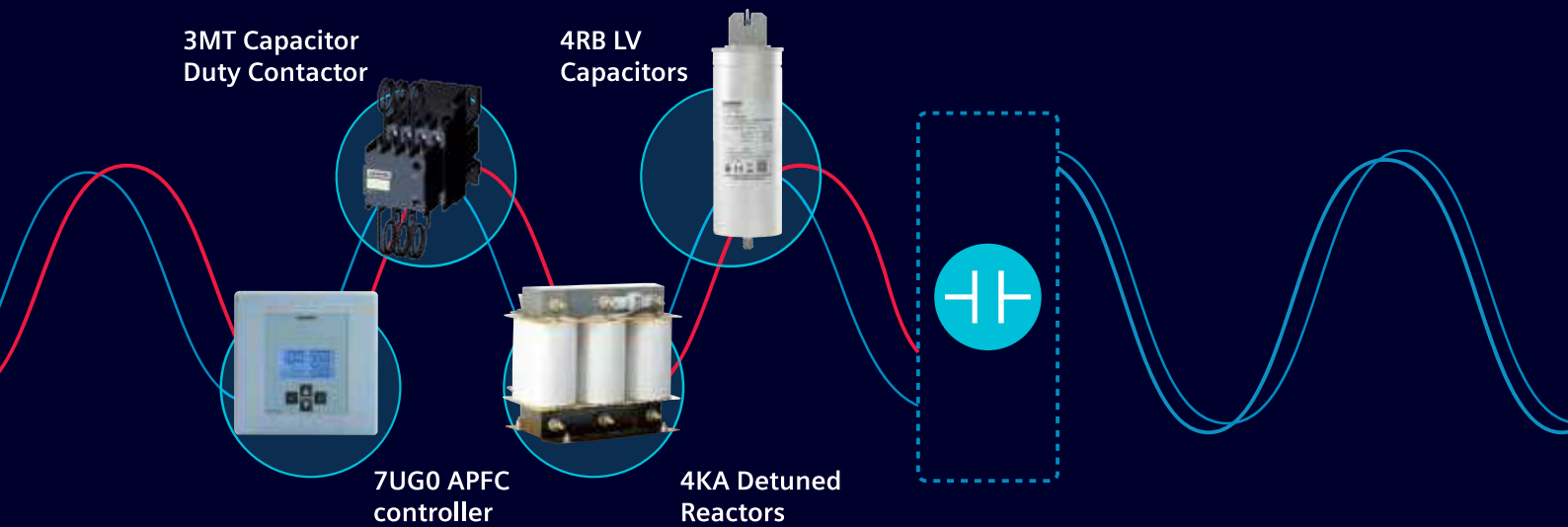
These coupling relays are also an integral component of the 3SK safety relay system and serve as an output expansion module. 3RQ1 coupling relays are available in two variants to fulfill SIL 2 & SIL 3.



Type	Contacts		Rated control supply voltage	Unit LP ₹	MOQ
	NO	NC			
3RQ1000-1EB00	1	1	24V DC	Prices available on request	1
3RQ1000-1GB00	2	1			1
3RQ1000-1HB00	2	2			1
3RQ1000-1LB00	4	1			1

Safety evaluation with TIA selection tool - The fast way to a safe solution

Power Factor Correction



SIECAP™ LV Power Capacitors

ND (Normal Duty) - Al Can, MPP resin filled

- High pulse current withstand capability (upto 200.I_N)
- Long life expectancy upto 100000 hrs
- Self healing type
- Inbuilt over pressure disconnecter
- Shock hazard protected SIGUT terminals



Rated voltage V	kvar @ 50 Hz	Type	Unit LP* ₹	Std. pkg. (nos.)
440	5	4RB2050-3EE52-8K	4105.-	1
	6	4RB2060-3EE52-8K	4385.-	1
	7	4RB2070-3EE52-8K	5115.-	1
	7.5	4RB2075-3EE52-8K	5910.-	1
	8.3	4RB2083-3EE52-8K	5865.-	1
	10	4RB2100-3EE52-8K	6725.-	1
	12.5	4RB2125-3EE52-8K	7895.-	1
	15	4RB2150-3EE52-8K	9470.-	1
	20	4RB2200-3EE52-8K	12580.-	1
	20.8	4RB2208-3EE52-8K	13115.-	1
	25	4RB2250-3EE52-8K	15755.-	1
	28	4RB2280-3EE52-8K	17640.-	1
	30	4RB2300-3EE52-8K	18915.-	1

Rated voltage V	kvar @ 50 Hz	Type	Unit LP* ₹	Std. pkg. (nos.)
480	5	4RB2050-3EJ52-8K	3780.-	1
	5.5	4RB2055-3EJ52-8K	4185.-	1
	10.4	4RB2104-3EJ52-8K	7455.-	1
	11.1	4RB2111-3EJ52-8K	8100.-	1
	12.5	4RB2125-3EJ52-8K	8300.-	1
	20.8	4RB2208-3EJ52-8K	13800.-	1
	25	4RB2250-3EJ52-8K	16580.-	1
	27.7	4RB2277-3EJ52-8K	18380.-	1
	30	4RB2300-3EJ52-8K	19915.-	1

Purchase MOQ for our dealers is in multiples of standard packing, please contact your nearest Siemens Sales Office for further details.

For information on less than 5 kvar and other kvar ratings at different voltages and frequency and use with detuned reactors, please contact your nearest Siemens Sales Office.



Std. Pkg. = 1 unit

* LP - List Price

SIECAP™ LV Power Capacitors

HD (Heavy Duty) - Al Can, MPP resin filled

- High pulse current withstand capability (up to 250.I_N)
- Long life expectancy up to 130000 hrs
- Self healing type
- Inbuilt over pressure disconnecter
- Shock hazard protected SIGUT terminals



Rated voltage V	kvar @ 50 Hz	Type	Unit LP* ₹	Std. pkg. (nos.)
415	5	4RB2050-3EB53-8K	4820.-	1
	7.5	4RB2075-3EB53-8K	7515.-	1
	10.4	4RB2104-3EB53-8K	8885.-	1
	12.5	4RB2125-3EB53-8K	9630.-	1
	15	4RB2150-3EB53-8K	11565.-	1
	20	4RB2200-3EB53-8K	15415.-	1
	25	4RB2250-3EB53-8K	19270.-	1
440	5	4RB2050-3EE53-8K	4960.-	1
	7.5	4RB2075-3EE53-8K	7480.-	1
	10	4RB2100-3EE53-8K	8530.-	1
	12.5	4RB2125-3EE53-8K	9630.-	1
	15	4RB2150-3EE53-8K	11565.-	1
	20	4RB2200-3EE53-8K	15415.-	1
	25	4RB2250-3EE53-8K	19270.-	1
	30	4RB2300-3EE53-8K	23110.-	1

Rated voltage V	kvar @ 50 Hz	Type	Unit LP* ₹	Std. pkg. (nos.)
480	5	4RB2050-3EJ53-8K	4960.-	1
	6.3	4RB2063-3EJ53-8K	5595.-	1
	10.4	4RB2104-3EJ53-8K	8305.-	1
	11	4RB2110-3EJ53-8K	8790.-	1
	12.5	4RB2125-3EJ53-8K	9985.-	1
	13.8	4RB2138-3EJ53-8K	11020.-	1
	15	4RB2150-3EJ53-8K	11975.-	1
	16.7	4RB2167-3EJ53-8K	13325.-	1
	18.7	4RB2187-3EJ53-8K	14920.-	1
	20	4RB2200-3EJ53-8K	15980.-	1
	22	4RB2220-3EJ53-8K	17550.-	1
	25	4RB2250-3EJ53-8K	19950.-	1
	28.1	4RB2281-3EJ53-8K	22430.-	1
525	30	4RB2300-3EJ53-8K	23930.-	1
	5	4RB2050-3FC53-8K	5115.-	1
	6.3	4RB2063-3FC53-8K	6200.-	1
	8.3	4RB2083-3FC53-8K	7545.-	1
	10.4	4RB2104-3FC53-8K	8585.-	1
	12.5	4RB2125-3FC53-8K	10330.-	1
	13.2	4RB2132-3FC53-8K	10905.-	1
	15	4RB2150-3FC53-8K	12380.-	1
	16.7	4RB2167-3FC53-8K	13810.-	1
	20	4RB2200-3FC53-8K	16510.-	1
	25	4RB2250-3FC53-8K	20635.-	1
	26.5	4RB2265-3FC53-8K	21880.-	1
	30	4RB2300-3FC53-8K	24780.-	1
	33.1	4RB2331-3FC53-8K	27325.-	1

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Std. Pkg. = 1 unit

* LP - List Price

LP - List Price

SIECAP™ LV Power Capacitors

SHD (Super Heavy Duty) - Al Can, MPP resin filled

- High pulse current withstand capability (upto 500.I_N)
- Long life expectancy upto 200000 hrs
- Self healing type
- Inbuilt over pressure disconnecter
- Shock hazard protected SIGUT terminals



Rated voltage V	kvar @ 50 Hz	Type	Unit LP* ₹	Std. pkg. (nos.)
415	5	4RB1050-3EB50-8K	7170.-	1
	6.3	4RB1063-3EB50-8K	8945.-	1
	7.5	4RB1075-3EB50-8K	10655.-	1
	10.4	4RB1104-3EB50-8K	9855.-	1
	12.5	4RB1125-3EB50-8K	11670.-	1
	15	4RB1150-3EB50-8K	14010.-	1
	20	4RB1200-3EB50-8K	18685.-	1
	25	4RB1250-3EB50-8K	23350.-	1
	28.1	4RB1281-3EB50-8K	26225.-	1
	30	4RB1300-3EB50-8K	28015.-	1
	33	4RB1330-3EB50-8K	30820.-	1
440	5	4RB1050-3EE50-8K	6975.-	1
	7.5	4RB1075-3EE50-8K	10605.-	1
	10	4RB1100-3EE50-8K	9480.-	1
	10.4	4RB1104-3EE50-8K	9855.-	1
	12.5	4RB1125-3EE50-8K	11670.-	1
	15	4RB1150-3EE50-8K	14010.-	1
	16.7	4RB1167-3EE50-8K	15595.-	1
	20	4RB1200-3EE50-8K	18685.-	1
	25	4RB1250-3EE50-8K	23350.-	1
	28.1	4RB1281-3EE50-8K	26225.-	1
	30	4RB1300-3EE50-8K	28015.-	1
	33.1	4RB1331-3EE50-8K	30905.-	1
480	5	4RB1050-3EJ50-8K	7445.-	1
	6.3	4RB1063-3EJ50-8K	8900.-	1
	8.3	4RB1083-3EJ50-8K	8645.-	1
	10.4	4RB1104-3EJ50-8K	9530.-	1
	11	4RB1111-3EJ50-8K	10650.-	1
	12.5	4RB1125-3EJ50-8K	12090.-	1
	13.8	4RB1138-3EJ50-8K	13360.-	1
	15	4RB1150-3EJ50-8K	14515.-	1
	16.7	4RB1167-3EJ50-8K	16145.-	1
	18.7	4RB1187-3EJ50-8K	18085.-	1
	20	4RB1200-3EJ50-8K	19355.-	1
	22	4RB1220-3EJ50-8K	21270.-	1
	25	4RB1250-3EJ50-8K	24160.-	1
	28.1	4RB1281-3EJ50-8K	27175.-	1
	30	4RB1300-3EJ50-8K	29005.-	1
	31	4RB1310-3EJ50-8K	29980.-	1
	33	4RB1330-3EJ50-8K	31925.-	1

Rated voltage V	kvar @ 50 Hz	Type	Unit LP* ₹	Std. pkg. (nos.)
525	5	4RB1050-3FC50-8K	7580.-	1
	6.3	4RB1063-3FC50-8K	8900.-	1
	8.3	4RB1083-3FC50-8K	8640.-	1
	10.4	4RB1104-3FC50-8K	9530.-	1
	12.5	4RB1125-3FC50-8K	12510.-	1
	13.2	4RB1132-3FC50-8K	13210.-	1
	15	4RB1150-3FC50-8K	15005.-	1
	16.7	4RB1167-3FC50-8K	16720.-	1
	20	4RB1200-3FC50-8K	20000.-	1
	25	4RB1250-3FC50-8K	25015.-	1
	26.5	4RB1265-3FC50-8K	26520.-	1
	30	4RB1300-3FC50-8K	30025.-	1
690	33.1	4RB1331-3FC50-8K	33115.-	1
	5.3	4RB1053-3GK50-8K	8205.-	1
	6.9	4RB1068-3GK50-8K	10190.-	1
	10.4	4RB1104-3GK50-8K	9855.-	1
	12.5	4RB1125-3GK50-8K	12930.-	1
	14.6	4RB1146-3GK50-8K	15100.-	1
	20	4RB1200-3GK50-8K	20675.-	1
	25	4RB1250-3GK50-8K	25855.-	1

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Harmonics filter

Detuned reactor

Features

- Insulation class H
- High linearity
- Temperature control via micro switch
- Low losses and low noise

Copper Detuned Reactors

Bank size	Detuning factor	Type	Unit LP* ₹
5kvar	5.67%	4KA1220-1AC01-0AA0	35410.-
10kvar	5.67%	4KA1220-3AC01-0AA0	39950.-
12.5kvar	5.67%	4KA1220-4AC01-0AA0	43735.-
15kvar	5.67%	4KA1220-5AC01-0AA0	58370.-
20kvar	5.67%	4KA1220-6AC01-0AA0	60770.-
25kvar	5.67%	4KA1220-7AC01-0AA0	62080.-
5kvar	7%	4KA1220-1AA01-0AA0	27185.-
10kvar	7%	4KA1220-3AA01-0AA0	37295.-
12.5kvar	7%	4KA1220-4AA01-0AA0	40265.-
15kvar	7%	4KA1220-5AA01-0AA0	46490.-
20kvar	7%	4KA1220-6AA01-0AA0	49525.-
25kvar	7%	4KA1220-7AA01-0AA0	52120.-
50kvar	7%	4KA1220-2BA01-0AA0	92860.-
75kvar	7%	4KA1220-3BA03-0AA0	130230.-
100kvar	7%	4KA1220-4BA03-0AA0	163920.-
5kvar	14%	4KA1220-1AB01-0AA0	35790.-
12.5kvar	14%	4KA1220-4AB01-0AA0	73970.-
15kvar	14%	4KA1220-5AB01-0AA0	70345.-
20kvar	14%	4KA1220-6AB01-0AA0	86515.-
25kvar	14%	4KA1220-7AB01-0AA0	103525.-
50kvar	14%	4KA1220-2BB01-0AA0	169460.-
75kvar	14%	4KA1220-3BB03-0AA0	278790.-
100kvar	14%	4KA1220-4BB03-0AA0	334910.-

Std. Pkg. = 1 unit

* LP - List Price

Aluminium Detuned Reactors

Bank size	Detuning factor	Type	Unit LP* ₹
5kvar	5.67%	4KA1420-1AC01-0AA0	19565.-
10kvar	5.67%	4KA1420-3AC01-0AA0	25775.-
12.5kvar	5.67%	4KA1420-4AC01-0AA0	29480.-
15kvar	5.67%	4KA1420-5AC01-0AA0	34600.-
20kvar	5.67%	4KA1420-6AC01-0AA0	43025.-
25kvar	5.67%	4KA1420-7AC01-0AA0	44655.-
50kvar	5.67%	4KA1420-2BC01-0AA0	70170.-
5kvar	7%	4KA1420-1AA01-0AA0	21515.-
10kvar	7%	4KA1420-3AA01-0AA0	27690.-
12.5kvar	7%	4KA1420-4AA01-0AA0	30620.-
15kvar	7%	4KA1420-5AA01-0AA0	34510.-
20kvar	7%	4KA1420-6AA01-0AA0	36750.-
25kvar	7%	4KA1420-7AA01-0AA0	39310.-
50kvar	7%	4KA1420-2BA01-0AA0	67590.-
75kvar	7%	4KA1420-3BA03-0AA0	96005.-
100kvar	7%	4KA1420-4BA03-0AA0	120090.-
5kvar	14%	4KA1420-1AB01-0AA0	28725.-
10kvar	14%	4KA1420-3AB01-0AA0	48910.-
12.5kvar	14%	4KA1420-4AB01-0AA0	57995.-
15kvar	14%	4KA1420-5AB01-0AA0	60905.-
20kvar	14%	4KA1420-6AB01-0AA0	74075.-
25kvar	14%	4KA1420-7AB01-0AA0	84610.-
50kvar	14%	4KA1420-2BB01-0AA0	135670.-



3MT7 Capacitor Duty Contactors

NEW



Comprehensive Range

Available from 2.5kvar to 100kvar offering more options for accurate selection thus reducing the cost of installation.



Reliable

The entire range is DIN rail mountable for quick installation and provides excellent damping of inrush current enhancing your system life.



Safe

Confirming to UL508, CSA 22.2, IEC 60947-4-1 and IEC 60947-5-1 standards and is RoHS compliant.



Capacitor kvar 415V AC, 3Ph, 50Hz	Built-in aux. contacts	Type®	Unit LP ₹	Built-in aux. contacts	Type®	Unit LP ₹	Std. pkg. (nos.)
NEW 2.5kvar	1NO	3MT70002JA106A..	3245.-	1NC	3MT70002JA016A..	3245.-	1
NEW 5kvar	1NO	3MT70005JA106A..	3590.-	1NC	3MT70005JA016A..	3590.-	1
NEW 7.5kvar	1NO+1NC	3MT70007JA116A..	3955.-	2NC	3MT70007JA026A..	3955.-	1
NEW 10kvar	1NO+1NC	3MT70010JA116A..	4925.-	2NC	3MT70010JA026A..	4925.-	1
NEW 12.5kvar	1NO+1NC	3MT70012JA116A..	5030.-	2NC	3MT70012JA026A..	5030.-	1
NEW 16.7kvar	1NO+1NC	3MT70016JA116A..	6665.-	2NC	3MT70016JA026A..	6665.-	1
NEW 20kvar	1NO+1NC	3MT70020JA116A..	7410.-	2NC	3MT70020JA026A..	7410.-	1
NEW 25kvar	1NO+1NC	3MT70025JA116A..	8495.-	2NC	3MT70025JA026A..	8495.-	1
NEW 33.3kvar	1NO+2NC	3MT70033JA126A..	12875.-				1
NEW 40kvar	1NO+2NC	3MT70040JA126A..	20785.-				1
NEW 50kvar	1NO+2NC	3MT70050JA126A..	24330.-				1
60kvar	1NO+2NC	3MT70060JA126A..	25860.-				1
80kvar	1NO+2NC	3MT70080JA126A..	31745.-				1
100kvar	1NO+2NC	3MT70100JA126A..	32990.-				1

@ Please enter coil codes from table below

Coil for Conatctors 2.5 to 60 kvar

Frequency	24V AC	110V AC	220V AC	240V AC	415V AC
50/60 Hz	C2	G2	N2 ■	P2 ■	R2

Coil for Contactors 80 and 100 kvar

Frequency	110V AC	220V AC	240V AC	415V AC
50 Hz	F0	M0 ■	U0 ■	V0

Spares for 3MT7 Contactors

Contactor Coils	Type®	Unit LP ₹	Std. pkg. (nos.)
2.5kvar to 16.7kvar : 3MT70002 to 3MT70016	3MT72000L..9M1A	970.-	1
20kvar to 25kvar : 3MT70020 to 3MT70025	3MT74000L..9M1A	1145.-	1
33.3kvar to 60kvar : 3MT70033 to 3MT70075	3MT76000L..9M1A	2950.-	1
80kvar to 100kvar : 3MT70080 to 3MT70100	3MT78000L..9M1A	3220.-	1

Spare side aux. contact block	Type	Unit LP ₹	Std. pkg. (nos.)
1NO+1NC	3MT70110CL09M1A	725.-	10
2NC	3MT70200CL09M1A	725.-	10

Automatic Power Factor Correction Relay (APFC relay)

Features

- Easy accessibility of parameters
- Universal control supply—optimizing the no of variants
- Automatic/ Linear/ rotational switching modes of banks
- Selectable 1A/ 5A current input
- LCD version with RS485 Communication MODBUS RTU Protocol
- Confirms to IEC60947-5-1, carry CE and RoHS Compliant



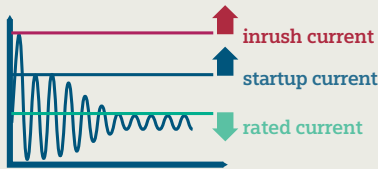
7UG0572-1GT20

Description	Type	Unit LP ₹	Std. pkg. (nos.)
Automatic Power factor correction relay (APFC relay)	8 Stage with LCD display	7UG0571-1FT20	29725.-
	12 Stage with LCD display	7UG0572-1GT20	31840.-
	12 stage with LED display	7UG0572-1GT21	18205.-

IE3- and IE4-compliant motors

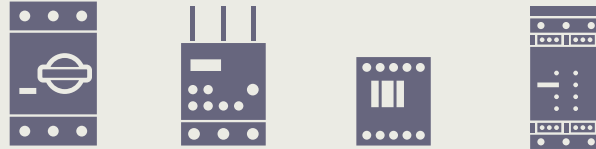


consume less energy



but are characterized by higher currents during starting

This is why we have optimized our SIRIUS switching devices for IE3 and IE4 motors

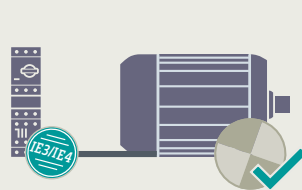


IE3/IE4 ready

AC-3e

SIRIUS controls

For example



No false tripping during startup process



Reliable switching capacity for use with IE3 and IE4 motors

Reliable switching and protection of motors at all times

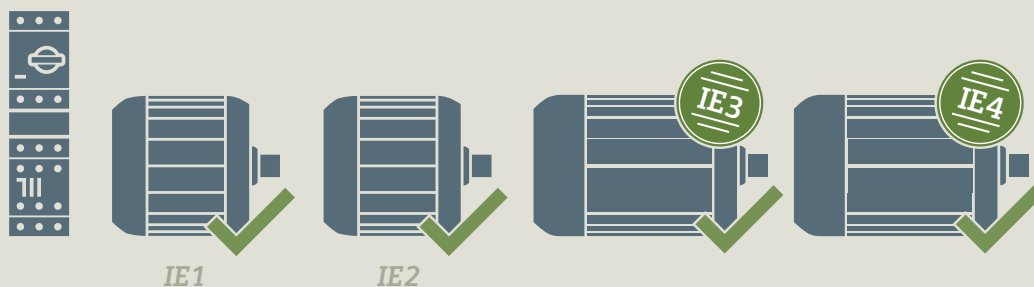


Are you IE3/IE4 ready?

Type 2 Solutions

SIEMENS

**Reliable
switching and
protection
of IE3/IE4
motors
at any time**



Fuseless selection type 2, I_q = 50kA, IS/IEC:60947-4-1 (Motor starter protector 3RV2 + Contactor 3RT)

Suitable for IE3/IE4

- The selection is valid only for complete Siemens combinations i.e. MPCB + contactor + bi-relay (+timer)
- In case this combination is changed to accommodate another brand/rating of MPCB/MCCB/contactor/BMR, it shall be the responsibility of the person making such a change to assure Type 2 performance.
- Selection is for normal starting conditions (Class 10 Feeder). For heavy starting applications (e.g. ID/FD fans, reciprocating compressor, ball mills etc.), please consult Siemens.
- All selections with MPCB are Type tested, selections with MCCB are recommended. For type tested selections & higher breaking capacity refer "Load feeder configuration manual".
- Low LCC = Low life cycle cost

3RV20 comes with in-built overload protection, hence external bi-relay is eliminated

Direct-on-line feeder, for low LCC

SL Motor		Circuit breaker®		Contactor		Bi-relay	
kW 415V, 3ph, 50/60 Hz	I _L Amps (Guide value)	Type	Rating Amps	Type	Rating Amps	Type	Set-Range Amp
0.37	1.1	3RV2011-0KA10	1.25	3RT2015	7	#	0.9 ... 1.1
0.55	1.5	3RV2011-1AA10	1.6	3RT2015	7	#	1.1 ... 1.4
0.75	1.9	3RV2011-1BA10	2	3RT2015	7	#	1.8 ... 2.2
1.1	2.7	3RV2011-1DA10	3.2	3RT2015	7	#	2.2 ... 2.8
1.5	3.6	3RV2011-1FA10	5	3RT2024	12	#	3.5 ... 4.5
2.2	5.0	3RV2011-1GA10	6.3	3RT2024	12	#	4.5 ... 5.5
3.7	6.5	3RV2011-1HA10	8	3RT2024	12	#	5.5 ... 7
4	8.5	3RV2011-1JA10	10	3RT2024	12	#	7 ... 9
5.5	11.5	3RV2011-1KA10	12.5	3RT2024	12	#	9 ... 10
7.5	15.5	3RV2021-4BA10	20	3RT2027	32	#	13 ... 16
11	22	3RV2021-4CA10	22	3RT2027	32	#	18 ... 23
15	29	3RV2021-4EA10*	32	3RT2027	32	#	27 ... 30
18.5	35	3RV2032-4PA10	36	3RT2035	40	#	28 ... 32
22	41	3RV2032-4VA10	45	3RT2036	50	#	35 ... 42
30	55	3RV2032-4XA10	59	3RT2037	65	#	49 ... 54
37	66	3RV2032-4KA10	73	3RT2038	80	#	62 ... 70
45	80	3RV2042-4RA10	84	3RT2045	80	#	65 ... 80
55	97	3RV2042-4MA10	100	3RT2047	110	#	80 ... 100
55	97	3VA2216-5MN32-0AA0	160	3RT1054	115	#	63 ... 115
75	132	3VA2216-5MN32-0AA0	160	3RT1055	150	#	63 ... 140
90	160	3VA2220-5MN32-0AA0	200	3RT1056	185	#	80 ... 175
110	195	3VA2325-5MN32-0AA0	250	3RT1064	225	#	100 ... 225
132	230	3VA2440-5MN32-0AA0	400	3RT1065	265	#	160 ... 265
160	280	3VA2440-5MN32-0AA0	400	3RT1066	300	#	160 ... 300
200	350	3VA2450-5MN32-0AA0	500	3RT1075	400	#	200 ... 400
250	430	3VA2450-5MN32-0AA0	500	3RT1076	500	#	200 ... 440

* Starting current up to 256A

\$ 3RV21 'relay function' motor protection circuit-breaker can also be used in place of 3RV10 / 3RV20 MPCB respectively

@ Motor switching operations with circuit breaker 3VA are not allowed.

Alternative combinations with 3VA1 available, contact nearest sales office

For more motor feeder selection charts with various SIRIUS devices see configuration manual "Configuring SIRIUS Innovations – Selection Data for Fuseless and Fused Load Feeders", <https://support.industry.siemens.com/cs/ww/en/view/39714188>



Fuseless selection type 2, I_q = 50kA, IS/IEC:60947-4-1 (3RV with 3RT & 3RU)

Suitable for IE2 motors

- The selection is valid only for complete Siemens combinations i.e. MPCB / MCCB + contactor + bi-relay (+timer)
- In case this combination is changed to accommodate another brand/rating of MPCB/MCCB/contactor/BMR, it shall be the responsibility of the person making such a change to assure Type 2 performance.
- Selection is for normal starting conditions (class 10 feeder). For heavy starting applications (e.g. ID/FD fans, reciprocating compressor, ball mills etc.), please consult Siemens.
- The electronic star-delta timer type 3RP should be used in star-delta feeders.
- All selections with MPCB are Type tested, selections with MCCB are recommended. For type tested selections & higher breaking capacity refer "Load feeder configuration manual".
- Low LCC = Low life cycle cost

Direct-on-line feeder, for low LCC

SL motor		Circuit breaker [§]		Contactor		Bi-relay	
kW 415V, 3ph, 50/60 Hz	I _L Amp	Type	Amp	Type	Amp	Type	Set-Range Amp
0.37	1.1	3RV2011-0KA10	1.25	3RT2015	7	#	0.9 ... 1.25
0.55	1.4	3RV2011-1AA10	1.6	3RT2015	7	#	1.1 ... 1.6
0.75	1.7	3RV2011-1BA10	2	3RT2015	7	#	1.4 ... 2
1.1	2.4	3RV2011-1DA10	3.2	3RT2015	7	#	2.2 ... 3.2
1.5	3.2	3RV2011-1EA10	4	3RT2015	7	#	2.8 ... 4
2.2	4.8	3RV2011-1GA10	6.3	3RT2024	12	#	4.5 ... 6.3
3.7	7.4	3RV2011-1HA10	8	3RT2024	12	#	5.5 ... 8
4	8.5	3RV2011-1JA10	10	3RT2024	12	#	7.....10
5.5	11.5	3RV2011-1KA10	12.5	3RT2024	12	#	9 ... 12.5
7.5	15	3RV2011-4AA10	16	3RT2026	25	#	10 ... 16
11	21	3RV2021-4DA10	25	3RT2027	32	#	20 ... 25
15	29	3RV2021-4EA10	32	3RT2027	32	#	27 ... 32
18.5	34	3RV2032-4UA10	40	3RT2035	40	#	32 ... 40
22	40	3RV2032-4VA10	45	3RT2036	50	#	35 ... 45
30	57	3RV2032-4JA10	65	3RT2037	65	#	54 ... 65
37	64	3RV2032-4KA10	73	3RT2038	80	#	62 ... 73
45	77	3RV2032-4RA10*	80	3RT2038	80	#	70 ... 80
55	101	3VA1112-5MH32-0AA0	125	3RT1054	115	3RU2156-5CB10-8K	90... 125
75	134	3VA1216-5MH32-0AA0	160	3RT1055	150	3RU2156-5DB10-8K	110 ... 160
90	160	3VA1220-5MH32-0AA0	200	3RT1056	185	3RU2156-5EB10-8K	140 ... 200
110	190	3VA1325-5MH32-0AA0	250	3RT1064	225	3RU2166-5FB10-8K	180 ... 250
132	228	3VA1325-5MH32-0AA0	250	3RT1065	265	3RU2166-5FB10-8K	180 ... 250
160	269	3VA1332-5MH32-0AA0	320	3RT1066	300	3RU2166-5GB10-8K	220 ... 320
200	350	3VA1440-5MH32-0AA0	400	3RT1075	400	3RU2176-5HB10-8K	280 ... 400
250	430	3VA1450-5MH32-0AA0	500	3RT1076	500	3RU2176-5JB10-8K	350 ... 500

§ 3RV11 / 3RV21 'relay function' motor protection circuit-breaker can also be used in place of 3RV10 / 3RV20 motor protection circuit-breaker respectively

3RV10/3RV20 comes with in-built overload protection, hence external bi-relay is eliminated

* Starting current up to 720A

Suitable for IE2/IE3/IE4 Motors

Star-Delta feeder, for Low LCC

SL motor			Circuit breaker [§]		Contactor line/delta		Contactor star		Bi-relay		Timer
kW 415V, 3ph, 50/60 Hz	I _L Amps	I _{Ph} Amps	Type	Rating Amps	Type	Rating Amps	Type	Rating Amps	Type	Set-Range Amp	Type
5.5	11.5	6.7	3RV2321-4AC10	16	3RT2026	25	3RT2015	7	3RU2126-1HB0	5.5 - 8	3RP15
7.5	15.5	8.7	3RV2321-4AC10	16	3RT2026	25	3RT2015	7	3RU2126-1JB0	7-10	3RP15
11	22	12.2	3RV2321-4DC10	25	3RT2027	32	3RT2024	12	3RU2126-4AB0	11...16	3RP15
15	29	16.8	3RV2321-4EC10	32	3RT2027	32	3RT2024	12	3RU2126-4BB0	14 ... 20	3RP15
18.5	35	19.7	3RV2332-4UC10	40	3RT2035	40	3RT2027	32	3RU2136-4DB0	18 ... 25	3RP15
22	41	23.2	3RV2332-4VC10	45	3RT2036	50	3RT2027	32	3RU2136-4EB0	22 ... 32	3RP15
30	55	33.1	3RV2332-4JC10	65	3RT2037	65	3RT2035	40	3RU2136-4FB0	28 ... 40	3RP15
37	66	37.1	3RV2332-4KC10	73	3RT2038	80	3RT2035	40	3RU2136-4GB0	36 ... 45	3RP15
45	80	44.7	3RV2332-4RC10	80	3RT2038	80	3RT2035	40	3RU2136-4HB0	40 ... 50	3RP15
55	97	58.6	3VA1112-5MH32-0AA0	125	3RT2045	80	3RT2036	50	3RU2146-4JB0	45 ... 63	3RP15
75	134	77.7	3VA1216-5MH32-0AA0	160	3RT1054	115	3RT2037	65	3RU2156-5BB10-8K	70 ... 100	3RP15
90	156	90.5	3VA1220-5MH32-0AA0	200	3RT1055	150	3RT2038	80	3RU2156-5BB10-8K	70 ... 100	3RP15
110	190	110.2	3VA1325-5MH32-0AA0	250	3RT1056	185	3RT2046	95	3RU2156-5CB10-8K	90 ... 125	3RP15
132	228	132.2	3VA1325-5MH32-0AA0	250	3RT1056	185	3RT1054	115	3RU2156-5DB10-8K	110 ... 160	3RP15
160	269	156	3VA1332-5MH32-0AA0	320	3RT1064	225	3RT1054	115	3RU2166-5EB10-8K	140 ... 200	3RP15
200	350	203	3VA1440-5MH32-0AA0	400	3RT1065	265	3RT1056	185	3RU2166-5FB10-8K	180 ... 250	3RP15
250	430	249	3VA1450-5MH32-0AA0	500	3RT1066	300	3RT1064	225	3RU2166-5GB10-8K	220 ... 320	3RP15

Fuse protected selection type 2, I_q = 50kA, IS/IEC:60947-4-1 (3KL with 3RT & 3RU)

Suitable for IE2 motors

- The selection is valid only for complete Siemens combinations i.e. SDF + DIN Fuse + Contactor + Bi-relay (+ timer).
- In case this combination is changed to accommodate another brand/rating of SDF/DIN Fuse/Contactor/BMR, it shall be the responsibility of the person making such a change to assure type 2 performance.
- Selection is for normal starting conditions (class 10 feeder). (For heavy starting applications e.g. ID/FD fans, reciprocating compressor, ball mills etc., please consult Siemens.)
- The electronic star-delta timer type 3RP should be used in star-delta feeders.
- SDF: Switch Disconnecter Fuse. All fuses are DIN HRC type.
- Tested Type 2 combinations
- Low LCC = Low Life Cycle Cost

Direct-on-line feeder, for Low LCC

SL Motor		SDF		Fuse		Contactor		Bi-Relay	
kW 415V, 3ph, 50/60 Hz	I _L Amps	Type	Amp	Type	Amps	Type	Rating Amps	Type	Set-Range Amp
0.37	1.1	3KL811	20	3NA78040RC	4	3RT2015	7	3RU2116-0KB0	0.9 ... 1.25
0.55	1.4	3KL811	20	3NA78040RC	4	3RT2015	7	3RU2116-1AB0	1.1 ... 1.6
0.75	1.7	3KL811	20	3NA78010RC	6	3RT2015	7	3RU2116-1BB0	1.4 ... 2
1.1	2.4	3KL811	20	3NA78010RC	6	3RT2015	7	3RU2116-1DB0	2.2 ... 3.2
1.5	3.2	3KL811	20	3NA78030RC	10	3RT2015	7	3RU2116-1EB0	2.8 ... 4
2.2	4.8	3KL811	20	3NA78050RC	16	3RT2015	7	3RU2116-1GB0	4.5 ... 6.3
3.7	7.4	3KL811	20	3NA78070RC	20	3RT2024	12	3RU2126-1JB0	7 ... 10
5.5	11.2	3KL812	32	3NA78100RC	25	3RT2024	12	3RU2126-1KB0	9 ... 12.5
7.5	15	3KL812	32	3NA78120RC	32	3RT2025	17	3RU2126-4AB0	11 ... 16
11	21	3KL815	63	3NA78200RC	50	3RT2027	32	3RU2126-4DB0	20 ... 25
15	28	3KL815	63	3NA78220RC	63	3RT2035	40	3RU2136-4EB0	22 ... 32
18.5	34	3KL821	100	3NA78240RC	80	3RT2035	40	3RU2136-4FB0	28 ... 40
22	40	3KL821	100	3NA78240RC	80	3RT2036	50	3RU2136-4GB0	36 ... 45
30	57	3KL821	100	3NA78300RC	100	3RT2037	65	3RU2136-4QB0	47 ... 57
37	64	3KL822	125	3NA78320RC	125	3RT2038	80	3RU2136-4KB0	62 ... 73
45	77	3KL822	125	3NA78320RC	125	3RT2046	95	3RU2136-4RB0	70 ... 80
55	101	3KL823	160	3NA78360RC	160	3RT1054	115	3RU2156-5CB10-8K	90 ... 125
75	134	3KL831	200	3NA71400RC	200	3RT1055	150	3RU2156-5DB10-8K	110 ... 160
90	160	3KL832	250	3NA71440RC	250	3RT1056	185	3RU2156-5EB10-8K	140 ... 200
110	190	3KL832	250	3NA71440RC	250	3RT1064	225	3RU2166-5FB10-8K	180 ... 250
132	228	3KL833	315	3NA72520RC	315	3RT1065	265	3RU2166-5FB10-8K	180 ... 250
160	269	3KL834	400	3NA72600RC	400	3RT1066	300	3RU2166-5GB10-8K	220 ... 320
200	350	3KL841	500	3NA33650RC	500	3RT1075	400	3RU2176-5HB10-8K	280 ... 400
250	430	3KL841	500	3NA33650RC	500	3RT1076	500	3RU2176-5JB10-8K	350 ... 500

Star-Delta feeder, for Low LCC

SL Motor			SDF		HRC Fuses		Contactor Line/Delta		Contactor Star		Bi-Relay		Timer
kW 415V, 3ph, 50/60 Hz	I _L Amps	I _{Ph} Amps	Type	Rating Amps	Type	Rating Amps	Type	Rating Amps	Type	Rating Amps	Type	Set-Range Amp	Type
4	7.8	4.5	3KL811	20	3NA78030RC	10	3RT2023	9	3RT2023	9	3RU2126-1FB0	3.5 ... 5	3RP15
5.5	11.2	6.5	3KL811	20	3NA78050RC	16	3RT2023	9	3RT2023	9	3RU2126-1HB0	5.5 ... 8	3RP15
7.5	15	9.2	3KL811	20	3NA78070RC	20	3RT2024	12	3RT2023	9	3RU2126-1JB0	7 ... 10	3RP15
11	21	12	3KL812	32	3NA78100RC	25	3RT2025	17	3RT2023	9	3RU2126-1KB0	9 ... 12.5	3RP15
15	28	16.2	3KL812	32	3NA78120RC	32	3RT2026	25	3RT2025	17	3RU2126-4BB0	14 ... 20	3RP15
18.5	34	19.7	3KL815	63	3NA78200RC	50	3RT2027	32	3RT2026	25	3RU2126-4CB0	17 ... 22	3RP15
22	40	23.2	3KL815	63	3NA78200RC	63	3RT2035	40	3RT2026	25	3RU2136-4DB0	18 ... 25	3RP15
30	57	30.6	3KL821	100	3NA78220RC	80	3RT2035	40	3RT2026	25	3RU2136-4EB0	22 ... 32	3RP15
37	64	37.5	3KL821	100	3NA78240RC	80	3RT2035	40	3RT2027	32	3RU2136-4FB0	28 ... 40	3RP15
45	77	45	3KL821	100	3NA78300RC	100	3RT2037	65	3RT2028	40	3RU2136-4HB0	40 ... 50	3RP15
55	101	55.4	3KL821	100	3NA78300RC	100	3RT2037	65	3RT2035	40	3RU2136-4JB0	54 ... 65	3RP15
75	134	75.6	3KL823	160	3NA78360RC	160	3RT2038	80	3RT2037	65	3RU2136-4RB0	70 ... 80	3RP15
90	156	90	3KL823	160	3NA78360RC	160	3RT2046	95	3RT2038	80	3RU2146-4LB0	70 ... 90	3RP15
110	190	113	3KL831	200	3NA71400RC	200	3RT1054	115	3RT1054	115	3RU2156-5CB10-8K	90 ... 125	3RP15
132	228	133	3KL832	250	3NA71440RC	250	3RT1055	150	3RT1054	115	3RU2156-5DB10-8K	110 ... 160	3RP15
160	269	162	3KL833	315	3NA72520RC	315	3RT1056	185	3RT1054	115	3RU2156-5EB10-8K	140 ... 200	3RP15
200	350	202	3KL834	400	3NA72600RC	400	3RT1064	225	3RT1056	185	3RU2166-5FB10-8K	180 ... 250	3RP15
250	430	248	3KL841	500	3NA33650RC	500	3RT1075	400	3RT1065	265	3RU2166-5GB10-8K	220 ... 320	3RP15

Available till stocks last

3TS Capacitor duty Contactors

Capacitor kVAr 415V, 3ph, 50Hz	Built-in aux. contacts	Type®	Unit LP ₹	Built-in aux. contacts	Type®	Unit LP ₹	Std. pkg. (nos.)
5 kvar	1 NO	3TS2110-0A..5-8K†	4015.-				
7 kvar	1 NO	3TS1110-0A..5-8K†	4410.-				
10 kvar	–	3TS2200-0A..5-8K†	4795.-	1NO+1NC	3TS2211-0A..5-8K	5500.-	1
12.5 kvar	–	3TS1200-0A..5-8K†	4915.-	1NO+1NC	3TS1211-0A..5-8K	5615.-	1
16 kvar	–	3TS1300-0A..5-8K†	6755.-	1NO+1NC	3TS1311-0A..5-8K	7445.-	1
20 kvar	–	3TS1400-0A..5-8K†	7610.-	1NO+1NC	3TS1411-0A..5-8K	8280.-	1
25 kvar	–	3TS1500-0A..5-8K†	8785.-	1NO+1NC	3TS1511-0A..5-8K	9490.-	1
30 kvar	–	3TS2500-0A..5-8K†	13680.-	1NO+1NC	3TS2511-0A..5-8K	14390.-	1
40 kvar	2 NO + 2 NC	3TS2722-0A..5-8K	23220.-				
50 kvar	2 NO + 2 NC	3TS1722-0A..5-8K	27185.-				



† Facility to add one contact block of 1NO / 1NC

@ AC 50Hz coil code - Please enter coil codes from table below

	For 3TS contactors		
Code	F0	P0	R0
Coil voltage (V)	110	230	415

3TS Capacitor Duty Spares

Spare coils

Contactor kVAr	Description	Type*	Unit LP ₹	Std. pkg. (nos.)
5 kvar	AC 50Hz coil	3TY74030A..	1565.-	1
7 kvar				
10 kvar				
12.5 kvar				
16 kvar				
20 kvar	AC 50Hz coil	3TY74430A..	1925.-	1
25 kvar				
30 kvar				
40 kvar				
50 kvar				
		3TY74630A..	3345.-	1

* For coil, refer above table

Line monitoring relays - 3UG

Phase Sequence	Phase Failure	Phase Imbalance	Under Voltage	Over Voltage	Delay times	Display	Contacts	Line Supply Voltage	Type	Unit LP ₹	Std. pkg. (nos.)
Yes	Yes	10%	-	-	-	-	1 CO	160-690V	3UG4512-1AR20	31525.-	1
Yes	Yes	20%	160-690V	-	Off delay 0.1-20 s	-	2 CO	160-690V	3UG4513-1BR20	42200.-	1
Yes	Yes	Yes	160-690V	160-690V	Off delay 0.1-20 s	Yes	2 CO	160-690V	3UG4615-1CR20	61185.-	1

3UG Monitoring Relays for Electrical and Additional Measurements

Hysteresis	Function	Version of Auxiliary Contacts	Control supply voltage Us ¹⁾	Type	Unit LP ₹	Std. pkg. (nos.)
		CO	V AC			
--	Phase Sequence Monitoring 3 Phase	1	360...520	3UG4511-1AP20	31630.-	1
		2		3UG4511-1BP20	35750.-	1
--	Monitoring of phase sequence, phase failure and phase unbalance	2	160...690	3UG4512-1BR20	40480.-	1
Adjustable 1-20V	Digital Monitoring Relay, phase sequence, phase & N conductor failure (90...400 w.r.t. N), overvoltage and undervoltage (Tripping delay 1-20) ²⁾	2 ²⁾	90...400 w.r.t. N	3UG4616-1CR20	70935.-	1

3UG Monitoring Relays for Electrical and Additional Measurements

Hysteresis	Function	Version of Auxiliary Contacts	Control supply voltage Us ¹⁾	Type	Unit LP ₹
		CO	V AC		
p.f. 0.1 & active current I _{res} 0.1...2.0A	Digital Power factor and active current monitoring (p.f. range 0.1 to 0.99 & active current I _{res} 0.2-10A) ON-delay 0-99s, OFF-delay 0.1-20s)	2	90...690	3UG4641-1CS20	57205.-
0.1...150V	Digital Voltage Monitoring Relay range 17 to 275V AC/DC spikedelay 0.1 to 20 sec	1	Self Powered	3UG4633-1AL30	43750.-
0.1...300V	Digital Voltage Monitoring Relay range10...600V AC/DC, Delay 0.1...20sec	1	24...240V AC/DC	3UG4632-1AW30	46650.-
--	#Level Monitoring Relay sensitivity 2KΩ to 200KΩ. Tripping delay 0.1...10sec	1	24...240V AC/DC	3UG4501-1AW30	31090.-

Available till stocks last

8WN - 70mm Modular unit IP 65

Continuous light

Type	Color	Voltage	Unit LP* ₹	Std. pkg. (nos.)
8WN4420-5AB00	Red	24 V AC/DC	6420.-	1
8WN4420-5AC00	Green			1
8WN4420-5AD00	Yellow			1
8WN4420-5AE00	White			1
8WN4420-5AF00	Blue			1
8WN4440-5AB00	Red	110 V AC/DC	5925.-	1
8WN4440-5AC00	Green			1
8WN4440-5AD00	Yellow			1
8WN4440-5AE00	White			1
8WN4440-5AF00	Blue			1
8WN4450-5AB00	Red	220 V AC	5925.-	1
8WN4450-5AC00	Green			1
8WN4450-5AD00	Yellow			1
8WN4450-5AE00	White			1
8WN4450-5AF00	Blue			1

Blinking light

Type	Color	Voltage	Unit LP* ₹	Std. pkg. (nos.)
8WN4420-5BB00	Red	24 V AC/DC	6950.-	1
8WN4420-5BC00	Green			1
8WN4420-5BD00	Yellow			1
8WN4420-5BE00	White			1
8WN4420-5BF00	Blue			1
8WN4440-5BB00	Red	110 V AC/DC	6950.-	1
8WN4440-5BC00	Green			1
8WN4440-5BD00	Yellow			1
8WN4440-5BE00	White			1
8WN4440-5BF00	Blue			1
8WN4450-5BB00	Red	220 V AC	6950.-	1
8WN4450-5BC00	Green			1
8WN4450-5BD00	Yellow			1
8WN4450-5BE00	White			1
8WN4450-5BF00	Blue			1



Accessories for 70mm LED modular unit

Type	Description	Unit LP* ₹	Std. pkg. (nos.)
8WN4408-0AF00	Connection components, Screw terminals	1980.-	1
8WN4408-0AG00	Caps for light elements	195.-	1
8WN4408-0DH00	Feet with pipes, single; Length 60mm	330.-	1
8WN4408-0DJ00	Feet with pipes, single; Length 80mm	420.-	1
8WN4408-0DA00	Feet with pipes, single; Length 110mm	465.-	1
8WN4408-0CC00	Brackets for side mounting, use together with foot with pipe	420.-	1
8WN4408-0CF00	Brackets for side mounting,	1570.-	1

Type	Description	Unit LP* ₹	Std. pkg. (nos.)
8WN4408-0CG00	Fold-out support	750.-	1
8WN4420-0GA00	24 V AC/DC, continuous buzzer	4625.-	1
8WN4420-0HA00	24 V AC/DC, discontinuous buzzer	5405.-	1
8WN4440-0GA00	110 V AC/DC, continuous buzzer	4625.-	1
8WN4440-0HA00	110 V AC/DC, discontinuous buzzer	5405.-	1
8WN4450-0GA00	220 V AC, continuous buzzer	4625.-	1
8WN4450-0HA00	220 V AC, discontinuous buzzer	5405.-	1

8WN - 50mm Preassembled unit IP 20

Continuous light without buzzer

Type	Color	Voltage	Unit LP* ₹	Std. pkg. (nos.)
8WN2221-6AB00	R	24V AC/DC	5925.-	1
8WN2222-6AG00	R, G		8545.-	1
8WN2223-6AJ00	R,Y,G		11090.-	1
8WN2241-6AB00	R	110 V AC/DC	5925.-	1
8WN2242-6AG00	R, G		8545.-	1
8WN2243-6AJ00	R,Y,G		11090.-	1
8WN2251-6AB00	R	220 V AC	5925.-	1
8WN2252-6AG00	R, G		8545.-	1
8WN2253-6AJ00	R,Y,G		11090.-	1

Continuous light with continuous buzzer

Type	Color	Voltage	Unit LP* ₹	Std. pkg. (nos.)
8WN2222-6JB00	R	24V AC/DC	6950.-	1
8WN2223-6JG00	R, G		9555.-	1
8WN2224-6JJ00	R,Y,G		12115.-	1
8WN2242-6JB00	R	110 V AC/DC	6950.-	1
8WN2243-6JG00	R, G		9555.-	1
8WN2244-6JJ00	R,Y,G		12115.-	1
8WN2252-6JB00	R	220 V AC	6950.-	1
8WN2253-6JG00	R, G		9555.-	1
8WN2254-6JJ00	R,Y,G		12115.-	1

Blinking light without buzzer

Type	Color	Voltage	Unit LP* ₹	Std. pkg. (nos.)
8WN2221-6BB00	R	24V AC/DC	6950.-	1
8WN2222-6BG00	R, G		9555.-	1
8WN2223-6BJ00	R,Y,G		12115.-	1

Blinking light with continuous buzzer

Type	Color	Voltage	Unit LP* ₹	Std. pkg. (nos.)
8WN2222-6MB00	R	24V AC/DC	7730.-	1
8WN2223-6MG00	R, G		10305.-	1
8WN2224-6MJ00	R,Y,G		12870.-	1

Continuous light with discontinuous buzzer

Type	Color	Voltage	Unit LP* ₹	Std. pkg. (nos.)
8WN2222-6KB00	R	24V AC/DC	7730.-	1
8WN2223-6KG00	R, G		10305.-	1
8WN2224-6KJ00	R,Y,G		12870.-	1
8WN2242-6KB00	R	110 V AC/DC	7730.-	1
8WN2243-6KG00	R, G		10305.-	1
8WN2244-6KJ00	R,Y,G		12870.-	1
8WN2252-6KB00	R	220 V AC	7730.-	1
8WN2253-6KG00	R, G		10305.-	1
8WN2254-6KJ00	R,Y,G		12870.-	1

Blinking light with discontinuous buzzer

Type	Color	Voltage	Unit LP* ₹	Std. pkg. (nos.)
8WN2222-6NB00	R	24V AC/DC	8545.-	1
8WN2223-6NG00	R, G		11090.-	1
8WN2224-6NJ00	R,Y,G		13645.-	1



Available till stocks last

Communication capable Power Contactors

Size	AC-3 Operational Current Ie upto 415V A	Motor rating at 415V, 50 Hz kW	Auxiliary contacts	Type*	Unit LP ₹	Std. pkg. (nos.)
S2	50	22	1NO + 1NC	3RT2036-1NB30-0CC0€	34045.-	1
	65	30	1NO + 1NC	3RT2037-1NB30-0CC0€	38350.-	1
	80	37	1NO + 1NC	3RT2038-1NB30-0CC0€	46575.-	1
S3	95	45	1NO + 1NC	3RT2046-1NB30-0CC0€	60815.-	1
	110	55	1NO + 1NC	3RT2047-1NB30-0CC0€	77040.-	1

SIRIUS function module for AS-Interface

Version	SIRIUS function modules for AS-Interface	
	C	Unit LP ₹
Direct on line starting (S00, S0, S2, S3)	3RA2712-1AA00*	11895.-
		
Reversing starting (S00, S0, S2, S3)	3RA2712-1BA00*	22420.-
		
Star delta starting (S00, S0, S2, S3)	3RA2712-1CA00*	34825.-
		

Solid state switching devices - 3RF

Solid state contactless switching for application requiring frequent switching



Rated current AC51 (max)	Type	Unit LP ₹	Std. pkg. (kits)
20	3RF2120-1AA45\$	5315.-	1
30	3RF2130-1AA45\$	8220.-	1
50	3RF2150-1AA45\$	13675.-	1
70	3RF2170-1AA45\$	15870.-	1
90	3RF2190-1AA45\$	19630.-	1

\$ To be used along with suitable heatsink



Discontinued

Power Contactors - SICOP 3TF

DC Coil	
Auxiliary contacts	Type Pl. fill in coil voltage code
2NO + 2NC ⁵	3TF4602-0D..ZA01
2NO + 2NC ⁵	3TF4702-0D..ZA01
2NO + 2NC ⁵	3TF4702-0D..ZT00
2NO + 2NC ⁵	3TF4772-0D..
2NO + 2NC ⁵	3TF4822-0D..ZA01
2NO + 2NC ⁵	3TF4922-0D..ZA01
2NO + 2NC ⁵	3TF5002-0D..
2NO + 2NC ⁵	3TF5102-0D..
2NO + 2NC ⁵	3TF5202-0D..
2NO + 2NC ⁵	3TF5302-0D..
2NO + 2NC ⁵	3TF5402-0D..
2NO + 2NC ⁵	3TF5502-0D..
2NO + 2NC ⁵	3TF5602-0D..

7UG0 monitoring relays

Description	Voltage	Type
Speed monitoring relays	110-240V AC/DC	7UG0583-1CU20

Power Contactors - SICOP 3TF

Size	Rated current (A) Ie AC3 upto 415V	Motor kW at 415V 50Hz, 3ph	AC 50 Hz coil (LPs for 110, 230, 415V)	
			Auxiliary contacts	Type Pl. fill in coil voltage code
12	475	250	2NO+2NC ⁵	■ 3TF5702-0C..

Spares for SICOP and SICONT^{Plus} Contactors

SICOP main contact kits (set of 6 fixed & 3 moving contacts)

For Contactor (AC3 Rating)	Type
3TF57 (475A)	3TY7570-0YA

SICOP arc chambers

For Contactor	Type
3TF57	3TY7572-0YA

AC coils (50 Hz)

For contactor	Type†
3TF57	3TY7573-0C..

AC coils 50/60 Hz coil code: 3TF57

Coil Voltage (V)	110-132	■ 220-240	380-460
Code	F7	M7	Q7

MPCBs for motor protection - 3VS16

Overload release range A	Type (w/o aux. contact)	Type (with 1NO+1NC)
6 - 10	3VS1600-0ML00	3VS1600-1ML00
10 - 16	3VS1600-0MM00	3VS1600-1MM00
16 - 25	3VS1600-0MN00	3VS1600-1MN00
22 - 32	3VS1600-0MP00	3VS1600-1MP00
28 - 40	3VS1600-0MQ00	3VS1600-1MQ00
36 - 52	3VS1600-0MR00	3VS1600-1MR00

Spares for SICOP and SICONT^{Plus} Contactors

DC coils

For contactor	Type
3TF46/47/477	3TY7463-0D..
3TF48/49	3TY7483-0D..
3TF50/51	3TY7503-0D..
3TF52/53	3TY7523-0D..
3TF54/55	3TY7543-0D..
3TF56	3TY7563-0D..

Adaptor Plates

Description (Adaptor plates for using in place of old relay terminal block required for independent mounting)	Type
3RU29/3RU19 (1.8-25A) replacing 3UA/3UR 52 (1-25A)	3UX8025
3RU19 (5.5-50A) replacing 3UA/3UR 55 (10-45A)	3UX8050
3RU19 (18-100A) replacing 3UA/3UR 58 (16-95A) & replacing 3UA/3UR 5830 (70-120A)	3UX8100

3RW40/44 Soft Starter

Description
3RW40 (higher ratings)/ 3RW44 Soft Starter and Accessories for 3RW44

3TS Converter duty Contactors

Contactor Size	Rated current Ie (A) AC1 at 415V	AC Coil
		Type
12	630	3TS5722-0C..1-8K*

Spares for 3TS Contactors

Convertor Duty

Main contact kits (set of 6 fixed & 3 moving contacts)

Contactor rating	Description	Type*
3TS57	Spare main contact kits	3TS9157-01-8K

Spare coils

	AC Coil
3TS57	3TY7573-0C..

for 3TS57

AC 50/60Hz	Coil voltage (V)	110-132	220-240
	Code	F7	M7

* 3TS57 - Suitable for AC-1 applications. For frequency converter applications refer to the nearest Siemens office

Accessories for 3VS

Description	Version	Type
Undervoltage release	230 V, 50 Hz	3VU9132-0AB15
Shunt trip	230 V, 50 Hz	3VU9132-0AB55
	24 V, 50 Hz	3VU9132-0AB50
	DC 110-240 V	3VU9132-0AB73
	In feed terminal (63 A)	3VU9135-1BB01
Three-phase busbar for 3VS13 only		
Toggle padlocking device	Locking in Off pos	3VU9168-0KA00
Three-phase busbar for 3VS13 only	busbars for 2 MPCBs	3VU9135-1AB02
	busbars for 3 MPCBs	3VU9135-1AB03
	busbars for 4 MPCBs	3VU9135-1AB04
	busbars for 5 MPCBs	3VU9135-1AB05

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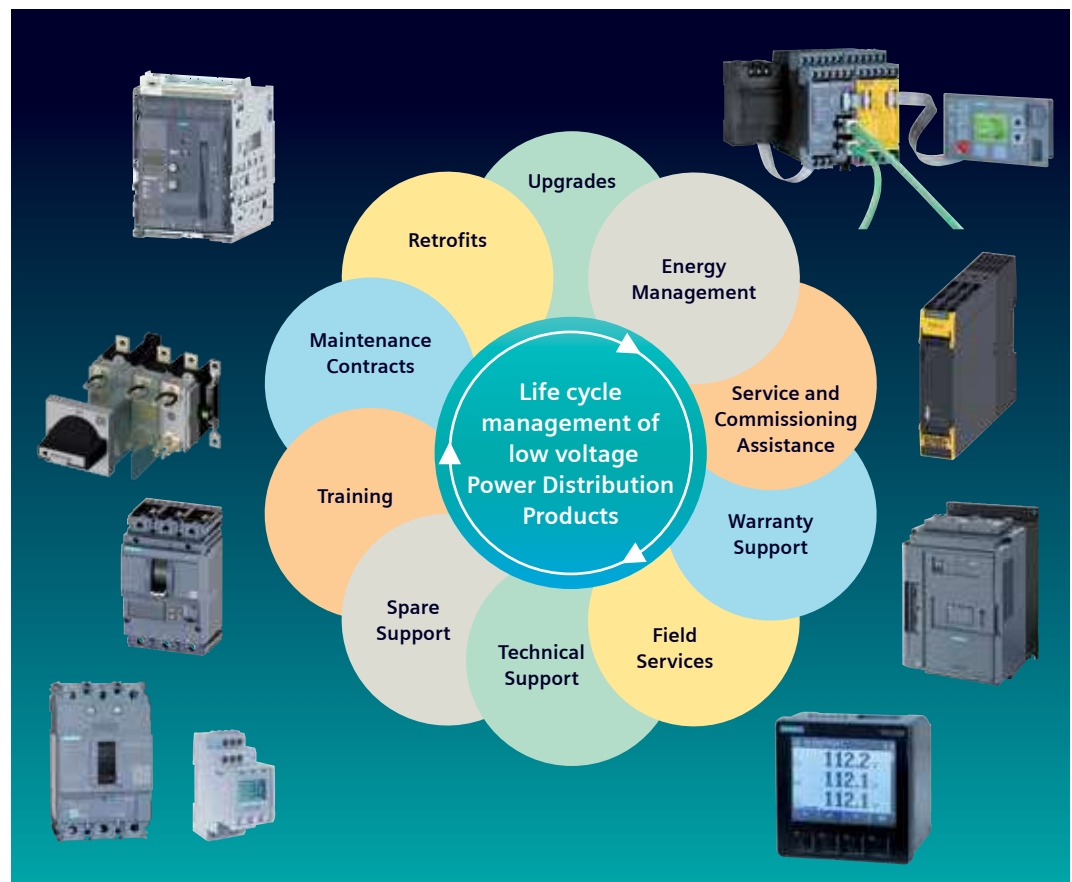
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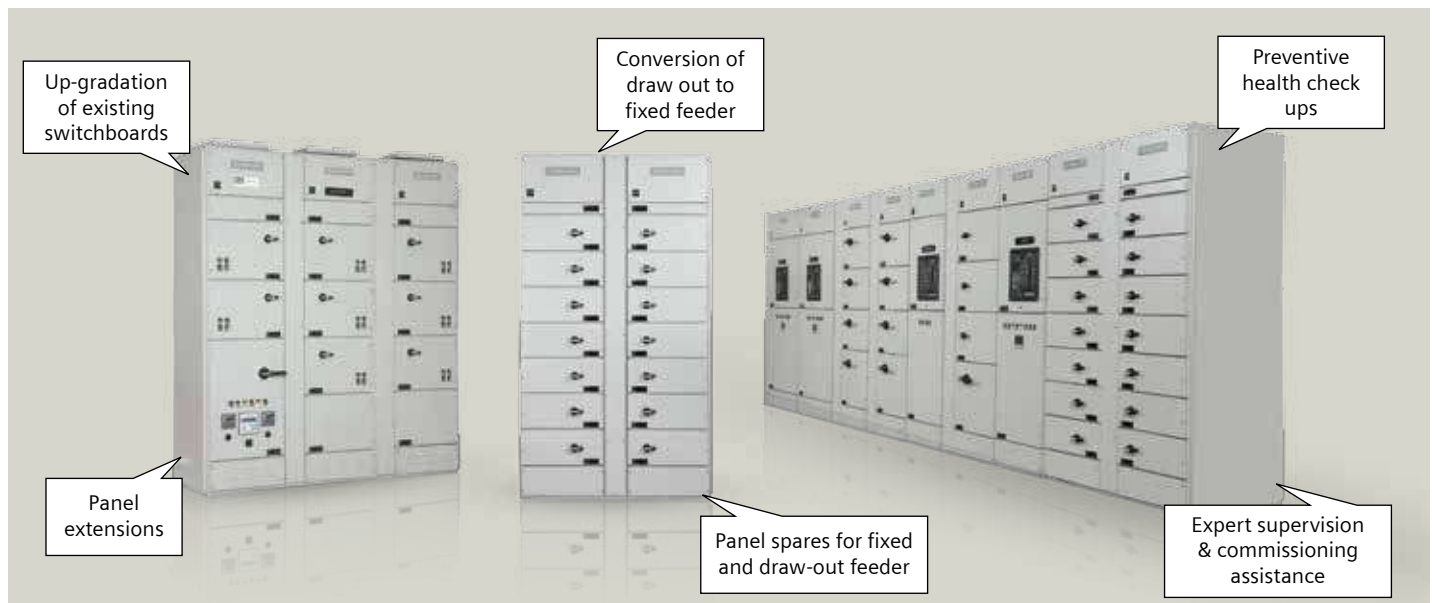
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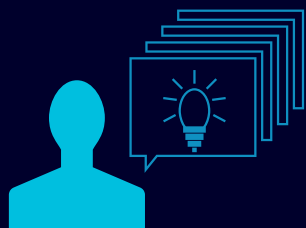
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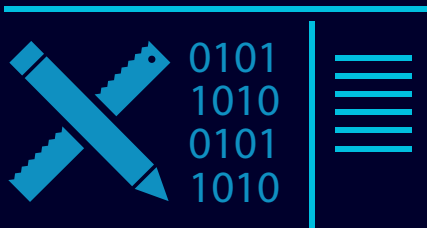
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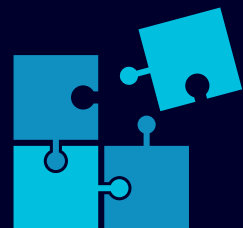
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