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reliable industrial
controls

LV Switchgear – Motor Control Products

Price List w.e.f. 1st October, 2016

The perfect combination

siemens.com/sirius

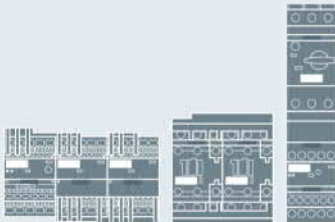
Save space

High performance in the compact installation size. Newly introduced Sirius Innovation size S2 offers 80A in just 55mm width



Order pre-assembled

Ready-made and tested combinations with short-circuit strength up to 150 kA/400 V



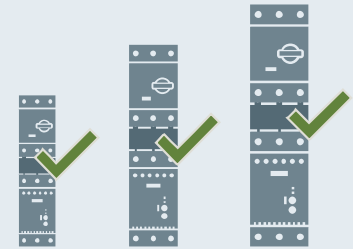
Worldwide use

Fulfills all relevant standards and approvals worldwide, also for (e.g. safety, rail and ship building)



Modular design

Perfectly matched and dimensioned products expandable with common accessories



We are IE3/IE4 ready!

Ready-made and tested combinations with short-circuit strength up to 150 kA/400 V. Also other standard combinations available



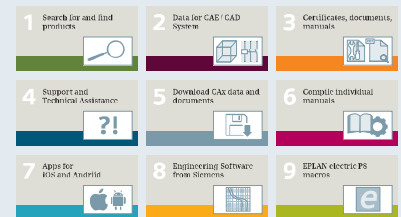
No false tripping during startup process



Reliable switching capacity when using IE3 motors

Engineering made easy

Simple and efficient by using the appropriate data and tools



SIRIUS Modular System

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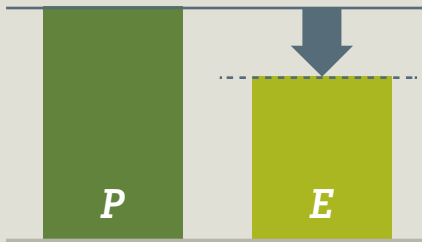
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We are IE3/IE4 ready

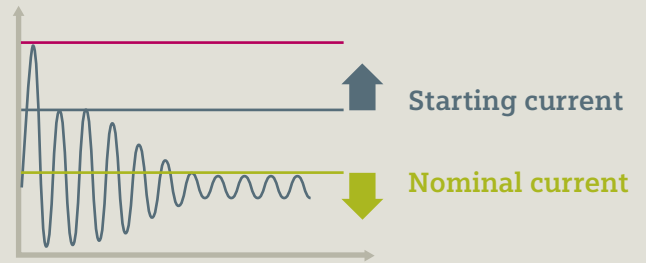
SIRIUS industrial controls



IE3/IE4-compliant motors



consume
less energy



but show
higher currents
when starting

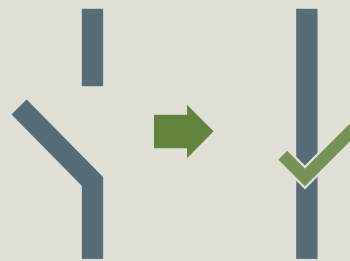
That's why we've optimized our SIRIUS industrial controls for IE3/IE4 motors



For example



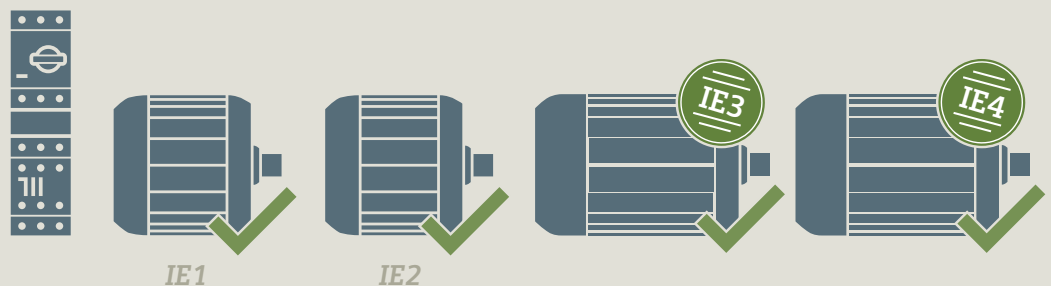
no nuisance tripping
during start-up

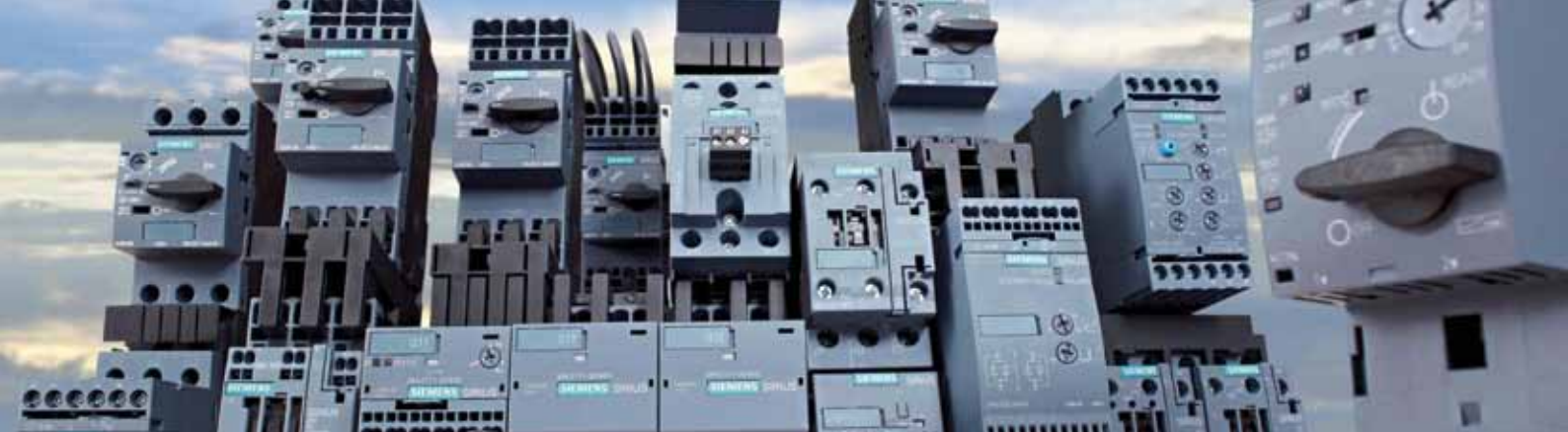


reliable switching
with IE3/IE4 motors

The result

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





Contactor Relays (Auxiliary contactors)



3RH2 (S00)

Screw terminals

Size	Operational Current Ie AC-15 at 230V A	Contacts NO	Contacts NC	AC Coil [§]			DC Coil [®]		
				Type*	Unit LP ₹	Std. pkg. (nos.)	Type*	Unit LP ₹	Std. pkg. (nos.)
S00	10	4	-	■ 3RH2140-1A..0	1175.-	1	■ 3RH2140-1B..0	1600.-	1
		3	1	■ 3RH2131-1A..0	1175.-	1	■ 3RH2131-1B..0	1600.-	1
		2	2	■ 3RH2122-1A..0	1175.-	1	■ 3RH2122-1B..0	1600.-	1

§@ Please enter coil codes from table below

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



Latched Contactor Relays

Screw terminals

Operational current Ie AC-15 at 230V A	Contacts NO	Contacts NC	AC Coil [§]			DC Coil [®]		
			Type	Unit LP ₹	Std. pkg. (nos.)	Type	Unit LP ₹	Std. pkg. (nos.)
10	4	-	■ 3RH2440-1A..0	4020.-	1	■ 3RH2440-1B..0	5300.-	1
	3	1	■ 3RH2431-1A..0	4020.-	1	■ 3RH2431-1B..0	5300.-	1
	2	2	■ 3RH2422-1A..0	4020.-	1	■ 3RH2422-1B..0	5300.-	1

§@ Please enter coil codes from table below

For Latched Power Contactors refer 3RT accessory "Mechanical Latching Blocks" on page no. 15

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

Contactor Relays (with Low power consumption coil)



Auxiliary Contactor - 3RH21 Coupling Relays

Screw terminals

Size	Surge Suppressors	Rated operational current Ie AC-15 at 230 V A	Auxiliary contacts		Type*	Unit LP ₹	Std. pkg. (nos.)
			NO	NC			
Rated control supply voltage U _s = 24 V DC, Operating range 0.7 to 1.25xU _s , Power Consumption 2.8W at 24V DC							
S00	Built in suppressor Diode	10	4	-	3RH2140-1KB40	1990.-	1
			3	1	3RH2131-1KB40	1990.-	1
			2	2	3RH2122-1KB40	1990.-	1
Rated control supply voltage U _s = 24 V DC, Operating range 0.85 to 1.85xU _s , Power Consumption 1.6W at 24V DC							
S00	Built in suppressor Diode	10	4	-	3RH2140-1SB40	2830.-	1
			3	1	3RH2131-1SB40	2830.-	1
			2	2	3RH2122-1SB40	2830.-	1

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

■ Stock items

LP - List Price

Power Contactors



3RT2 (S00, S0, S2)

Screw terminals

Size	AC-3 operational current I _e upto 415V A	Motor rating at 415V, 50Hz kW	Auxillary contacts	AC Coil ⁵			DC Coil ⁶		
				Type*	Unit LP ₹	Std. pkg. (nos.)	Type*	Unit LP ₹	Std. pkg. (nos.)
S00	7	3	1NO	■ 3RT2015-1A..1	995.-	1	■ 3RT2015-1B..1	1460.-	1
			1NC	■ 3RT2015-1A..2	995.-	1	■ 3RT2015-1B..2	1460.-	1
	9	4	1NO	■ 3RT2016-1A..1	1050.-	1	■ 3RT2016-1B..1	1570.-	1
			1NC	■ 3RT2016-1A..2	1050.-	1	■ 3RT2016-1B..2	1570.-	1
	12	5.5	1NO	■ 3RT2017-1A..1	1160.-	1	■ 3RT2017-1B..1	1825.-	1
			1NC	■ 3RT2017-1A..2	1160.-	1	■ 3RT2017-1B..2	1825.-	1
16	7.5	1NO	■ 3RT2018-1A..1	1355.-	1	■ 3RT2018-1B..1	2190.-	1	
		1NC	■ 3RT2018-1A..2	1355.-	1	■ 3RT2018-1B..2	2190.-	1	
S0	9	4	1NO + 1NC	■ 3RT2023-1A..0	1265.-	1	■ 3RT2023-1B..0	2015.-	1
	12	5.5	1NO + 1NC	■ 3RT2024-1A..0	1400.-	1	■ 3RT2024-1B..0	2200.-	1
	17	7.5	1NO + 1NC	■ 3RT2025-1A..0	1570.-	1	■ 3RT2025-1B..0	2860.-	1
	25	11	1NO + 1NC	■ 3RT2026-1A..0	1985.-	1	■ 3RT2026-1B..0	3585.-	1
	32	15	1NO + 1NC	■ 3RT2027-1A..0	4035.-	1	■ 3RT2027-1B..0	7630.-	1
	38	18.5	1NO + 1NC	■ 3RT2028-1A..0	5900.-	1	■ 3RT2028-1B..0	8850.-	1
S2	50	22	1NO + 1NC	■ 3RT2036-1A..0	7520.-	1	■ 3RT2036-1N..0 [€]	11950.-	1
	65	30	1NO + 1NC	■ 3RT2037-1A..0	10445.-	1	■ 3RT2037-1N..0 [€]	13550.-	1
	80	37	1NO + 1NC	■ 3RT2038-1A..0	13245.-	1	■ 3RT2038-1N..0 [€]	16475.-	1

\$@ Please enter coil codes from table below

* For ordering contactors with spring type terminals, please replace 8th digit from '1' to '2' only for size S00, S0

40A Size S0 3RT2028 contactor is available with screw type terminals only

€ available with universal operation



3RT1 (S3)

Screw terminals

Size	AC-3 operational current I _e upto 415V A	Motor rating at 415V, 50Hz kW	Auxillary contacts	AC Coil ⁵			DC Coil ⁶		
				Type*	Unit LP ₹	Std. pkg. (nos.)	Type*	Unit LP ₹	Std. pkg. (nos.)
S3	65	30	-	■ 3RT1044-1A..08K	10105.-	1	■ 3RT1044-1B..0	13210.-	1
	80	37	-	■ 3RT1045-1A..08K	12905.-	1	■ 3RT1045-1B..0	16135.-	1
	95	45	-	■ 3RT1046-1A..08K	15680.-	1	■ 3RT1046-1B..0	19970.-	1

Rated control supply voltages for 3RH2, 3RT2 (S00, S0, S2) & 3RT1 (S3)

(Change the 10th and 11th digit of the Article No.)

\$ - AC operation 50/60Hz

Contactor type	3RT20 1, 3RH2	3RT20 2	3RT20 3	3RT10 4
Size	S00	S0	S2	S3
24 V AC	B0	C2	C2	C2
■ 110 V AC	F0	G2	G2	G2
■ 230 V AC	P0	L2	L2	L2

@ - DC operation

Contactor type	3RT20 1, 3RH2	3RT20 2	3RT20 3	3RT10 4
Size	S00	S0	S2	S3
■ 24 V DC	B4	B4	-	B4
110 V DC	F4	F4	-	F4
220 V DC	M4	M4	-	M4

€ - Universal operation AC / DC for 3RT2 S2

Contactor type	3RT20.3.-.N
Size	S2
■ 20 ... 33	B3
83 ... 155	F3
175 ... 280	P3

Please contact nearest sales office for other coil voltages and wide band coil voltage options

■ Stock items

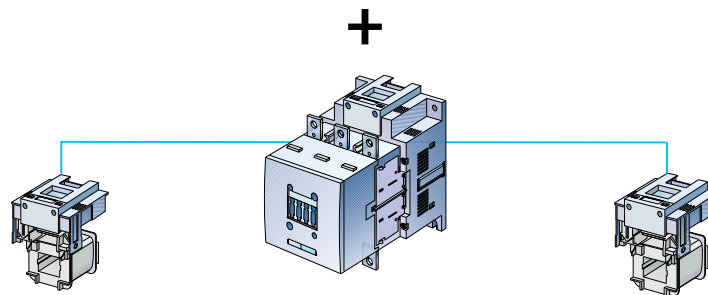
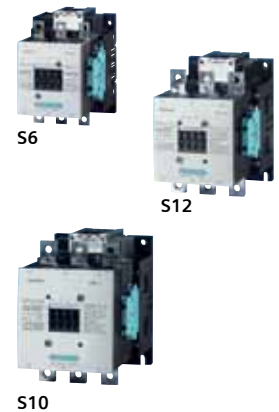
Power Contactors

3RT (S6, S10, S12)

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	Auxillary contacts	Type	Unit LP ₹	Std. pkg. (nos.)
S6	115	55	2NO+2NC	■ 3RT1054-6LA068K	15955.-	1
	150	75	2NO+2NC	■ 3RT1055-6LA068K	22150.-	1
	185	90	2NO+2NC	■ 3RT1056-6LA068K	29430.-	1
S10	225	110	2NO+2NC	■ 3RT1064-6LA068K	31080.-	1
	265	132	2NO+2NC	■ 3RT1065-6LA068K	37420.-	1
	300	160	2NO+2NC	■ 3RT1066-6LA068K	45040.-	1
S12	400	200	2NO+2NC	■ 3RT1075-6LA068K	53530.-	1
	500	250	2NO+2NC	■ 3RT1076-6LA068K	77230.-	1



Coil - Conventional operating mechanism

Size	Rated control supply voltage U _c 40 to 60 Hz AC, DC V AC/DC	Type	Unit LP ₹	Std. pkg. (nos.)
S6	23...26	■ 3RT1955-5AB318K	3610.-	1
	110...127	■ 3RT1955-5AF318K		1
	220...240	■ 3RT1955-5AP318K		1
	380...420	■ 3RT1955-5AV318K		1
S10	23...26	■ 3RT1965-5AB31	5350.-	1
	110...127	■ 3RT1965-5AF318K		1
	220...240	■ 3RT1965-5AP318K		1
	380...420	■ 3RT1965-5AV318K		1
S12	23...26	■ 3RT1975-5AB31	9810.-	1
	110...127	■ 3RT1975-5AF318K		1
	220...240	■ 3RT1975-5AP318K		1
	380...420	■ 3RT1975-5AV31		1

Coil - Solid state op. mech. (24 V DC PLC o/p)

Size	Rated control supply voltage U _c 40 to 60 Hz AC, DC V AC/DC	Type	Unit LP ₹	Std. pkg. (nos.)
S6	21...27.3	3RT1955-5NB31	6940.-	1
	96...127	3RT1955-5NF31		1
	200...277	■ 3RT1955-5NP31		1
S10	21...27.3	3RT1965-5NB31	10410.-	1
	96...127	3RT1965-5NF31		1
	200...277	■ 3RT1965-5NP31		1
S12	21...27.3	3RT1975-5NB31	13885.-	1
	96...127	3RT1975-5NF31		1
	200...277	■ 3RT1975-5NP31		1

3RT power contactor with in-built coil

Contactors with conventional coil

Size	AC-3 operational current I _e upto 415V A	Type	Unit LP ₹	Std. pkg. (nos.)
S6	115	3RT10 54-6A\$36 8K	20430.-	1
	150	3RT10 55-6A\$36 8K	26740.-	1
	185	3RT10 56-6A\$36 8K	33995.-	1
S10	225	3RT10 64-6A\$36 8K	37240.-	1
	265	3RT10 65-6A\$36 8K	43580.-	1
	300	3RT10 66-6A\$36 8K	51135.-	1
S12	400	3RT10 75-6A\$36 8K	64395.-	1
	500	3RT10 76-6A\$36 8K	88290.-	1

\$ Insert AC 50/60 Hz, DC coil voltage codes F: 110 ... 127V, P: 220 ... 240V

Solid-state operating mechanisms for 24 V DC PLC output

Size	AC-3 operational current I _e upto 415V A	Type	Unit LP ₹	Std. pkg. (nos.)
S6	115	3RT10 54-6N#36	25190.-	1
	150	3RT10 55-6N#36	31910.-	1
	185	3RT10 56-6N#36	39510.-	1
S10	225	3RT10 64-6N#36	44590.-	1
	265	3RT10 65-6N#36	51340.-	1
	300	3RT10 66-6N#36	59345.-	1
S12	400	3RT10 75-6N#36	71660.-	1
	500	3RT10 76-6N#36	101390.-	1

Insert AC 50/60 Hz, DC coil voltage codes F: 96 ... 127V, P: 200 ... 277V

■ Stock items

LP - List Price



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



Screw terminals

Size	Surge Suppressors	AC-3 Operational Current I _e upto 415V A	Rating of induction motor at 50 Hz and 415V	Auxillary contacts		Type*	Unit LP ₹	Std. pkg. (nos.)
				NO	NC			
Rated control supply voltage U _s =24 V DC, Operating range 0.7 to 1.25 x U _s , Holding power consumption 2.8W at 24V DC								
S00	Built in supressor Diode	7	3	1	-	3RT2015-1KB41	1650.-	1
				-	1	3RT2015-1KB42	1650.-	1
		9	4	1	-	3RT2016-1KB41	1855.-	1
				-	1	3RT2016-1KB42	1855.-	1
		12	5.5	1	-	3RT2017-1KB41	1925.-	1
				-	1	3RT2017-1KB42	1925.-	1
Rated control supply voltage U _s =24 V DC, Operating range 0.7 to 1.25 x U _s , Holding Power Consumption 4.5W at 24V DC								
S0	Varistor integrated	12	5.5	1	1	3RT2024-1KB40	2310.-	1
		17	7.5	1	1	3RT2025-1KB40	3715.-	1
		25	11	1	1	3RT2026-1KB40	4480.-	1
		32	15	1	1	3RT2027-1KB40	7920.-	1
Rated control supply voltage U _s =24 V DC, Operating range 0.7 to 1.25 x U _s , Holding Power Consumption 1W at 24V DC								
S2	Varistor integrated	50	22	1	1	3RT2036-1KB40	12430.-	1
		65	30	1	1	3RT2037-1KB40	13955.-	1
		80	37	1	1	3RT2038-1KB40	16635.-	1

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



Power contactor - 3RT - Universal coil

Screw terminals

Size	Surge Suppressors	AC-3 operational current I _e upto 415V A	Rating of induction motor at 50 Hz and 415V	Auxillary contacts		Type* €	Unit LP ₹	Std. pkg. (nos.)
				NO	NC			
Extended operating range 0.7 to 1.3 x U _s								
S0	Varistor integrated	12	5.5	1	1	3RT2024-1N..0 [€]	2770.-	1
		17	7.5	1	1	3RT2025-1N..0	3280.-	1
		25	11	1	1	3RT2026-1N..0	4530.-	1
		32	15	1	1	3RT2027-1N..0	9570.-	1
		38	18.5	1	1	3RT2028-1N..0	10975.-	1
Extended operating range 0.8 to 1.1 x U _s								
S2	Varistor integrated	50	22	1	1	3RT2036-1N..0	11950.-	1
		65	30	1	1	3RT2037-1N..0	13550.-	1
		80	37	1	1	3RT2038-1N..0 [€]	16475.-	1

* For ordering contactors with spring type terminals, please replace 8th digit from '1' to '2' only for size S0
 € Please enter coil codes from table below

€ - Universal operation AC / DC

Contacteur type	3RT20.2.-.N
Size	S0
21 ... 28	B3
95 ... 130	F3
200 ... 280	P3

Contacteur type	3RT20.3.-.N
Size	S2
20 ... 33	B3
83 ... 155	F3
175 ... 280	P3

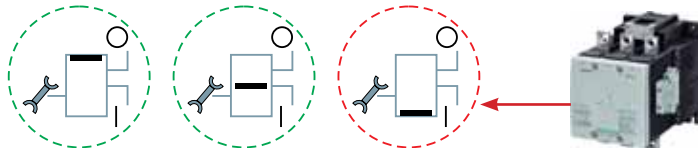
Vacuum contactors - 3RT12

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 Ie (A) AC3 upto 415V	Type ⁴⁾	Unit LP ₹	Std. pkg. (nos.)
10	225	3RT1264-6A..6	91945.-	1
10	265	3RT1265-6A..6	108610.-	1
10	300	3RT1266-6A..6	118965.-	1
12	400	3RT1275-6A..6	150405.-	1
12	500	3RT1276-6A..6	195450.-	1



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

Vacuum contactors - 3TF6

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, 220, 250V)			
			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..	246230.-	1	3NO + 3NC	3TF6833-1D.. ²⁾	277860.-	1
	820	450	4NO + 4NC	3TF6944-0C..	372475.-	1	3NO + 3NC	3TF6933-1D.. ²⁾	420340.-	1

For coil codes & foot note (2) refer [page no. 35](#)

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

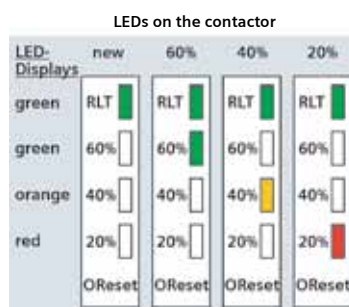
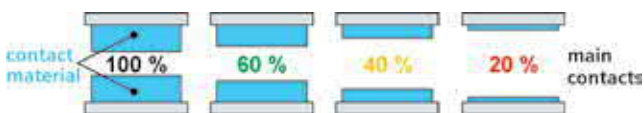
Withdrawable coils and integrated surge suppressor

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 Ie upto 415 V ¹⁾ A	Motor rating at 415V, 50Hz kW	Auxillary 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	30580.-	1
			1NO+1NC	220...277	3RT1054-1PP35	30580.-	
	150	75	1NO+1NC	96...127	3RT1055-6PF35	37030.-	1
			1NO+1NC	220...277	3RT1055-6PP35	37030.-	
S10	185	90	1NO+1NC	96...127	3RT1056-6PF35	44465.-	1
			1NO+1NC	220...277	3RT1056-6PP35	44465.-	
	225	110	1NO+1NC	96...127	3RT1064-6PF35	48365.-	1
			1NO+1NC	220...277	3RT1064-6PP35	48365.-	
S12	265	132	1NO+1NC	96...127	3RT1065-6PF35	55090.-	1
			1NO+1NC	220...277	3RT1065-6PP35	55090.-	
	300	160	1NO+1NC	96...127	3RT1066-6PF35	63045.-	1
			1NO+1NC	220...277	3RT1066-6PP35	63045.-	
S12	400	200	1NO+1NC	96...127	3RT1075-6PF35	74830.-	1
			1NO+1NC	220...277	3RT1075-6PP35	74830.-	
	500	250	1NO+1NC	96...127	3RT1076-6PF35	109815.-	1
			1NO+1NC	220...277	3RT1076-6PP35	109815.-	

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



RLT contactor



3 Pole AC1 Duty Contactors



Size	AC-1 operational current I _e upto 690V A	AC Coil [§]			DC Coil [®]		
		Type	Unit LP ₹	Std. pkg. (nos.)	Type	Unit LP ₹	Std. pkg. (nos.)
S3	140	3RT14 46-1A..0 8K	14125.-	1	3RT1446-1B..0	17575.-	1

§@ Please enter coil codes from table below

Size	AC-1 operational current I _e upto 690V A	Auxillary Contacts	Type [€]	Unit LP ₹	Std. pkg. (nos.)
S6	275	2NO+2NC	3RT1456-6A..68K	31550.-	1
S10	400	2NO+2NC	3RT1466-6A..68K	43045.-	1
S12	690	2NO+2NC	3RT1476-6A..68K	89290.-	1

€ Please enter coil codes from the table

4 Pole Power Contactors



With 4NO main contacts

Contactor size	Rated current I _e (A) AC1, 415V	Auxillary Contacts		AC Coil [§]			DC Coil [®]		
		NO	NC	Type	Unit LP ₹	Std. pkg. (nos.)	Type	Unit LP ₹	Std. pkg. (nos.)
S00	18	-	-	3RT2316-1A..0	1600.-	1	3RT2316-1B..0	2600.-	1
	22	-	-	3RT2317-1A..0	1660.-	1	3RT2317-1B..0	2765.-	1
S0	30	1	1	3RT2324-1A..0	1740.-	1	3RT2324-1B..0	2930.-	1
	35	1	1	3RT2325-1A..0	1850.-	1	3RT2325-1B..0	3310.-	1
	40	1	1	3RT2326-1A..0	2870.-	1	3RT2326-1B..0	5105.-	1
	50	1	1	3RT2327-1A..0	3475.-	1	3RT2327-1B..0	6500.-	1
S2	60	1	1	3RT2336-1A..0	7655.-	1	3RT2336-1N..0 [€]	11550.-	1
	110	1	1	3RT2337-1A..0	12815.-	1	3RT2337-1N..0 [€]	14335.-	1
S3	140	-	-	3RT1346-1A..0	16395.-	1	3RT1346-1B..0	17630.-	1

Higher ratings upto 1000A and corresponding AC3 ratings available Upon enquiry

Please contact nearest sales office for wide band sizes S00 to S3

For accessories, please refer pg. __



With 2NO+2NC main contacts

size	AC-1 operational current I _e upto 415V A	Auxillary Contacts		AC Coil [§]			DC Coil [®]		
		NO	NC	Type	Unit LP ₹	Std. pkg. (nos.)	Type	Unit LP ₹	Std. pkg. (nos.)
S00	18	-	-	3RT2516-1A..0	1785.-	1	3RT2516-1B..0	2325.-	1
	22	-	-	3RT2517-1A..0	2095.-	1	3RT2517-1B..0	3430.-	1
S0	40	1	1	3RT2526-1A..0	3530.-	1	3RT2526-1B..0	6390.-	1
S2	60	1	1	3RT2535-1A..0	9265.-	1	3RT1535-1N..0 [€]	12095.-	1
	70	1	1	3RT2536-1A..0	11960.-	1	3RT2536-1N..0 [€]	15640.-	1

Rated control supply voltage

(Change of the 10th and 11th digit of the Article No.)

\$ - AC operation 50/60Hz

Contactor type	3RT23, 3RT25	3RT13	3RT1446
Size	S00, S0, S2	S3	S3
24 V AC	B0	B0	C2
110 V AC	F0	F0	G2
230 V AC	P0	P0	L2

@ - DC operation

Contactor type	3RT23, 3RT25	3RT13	3RT1446
Size	S00, S0, S2	S3	S3
24 V DC	B4	B4	B4
110 V DC	F4	F4	F4
220 V DC	M4	M4	M4

€ - Universal operation AC / DC

Contactor type	3RT23.3.-N 3RT25.3.-N	Contactor type	3RT 14
Size	S2	Size	S6, S10, S12
20 ... 33	B3	20 ... 33	B3
83 ... 155	F3	83 ... 155	F3
175 ... 280	P3	175 ... 280	P3

Please contact nearest sales office for other coil voltages and wide band coil voltage options

Mechanical interlock for 3RT23

Contactor size	Type	Description	Unit LP ₹	Std. pkg. (nos.)
S00-S00	3RA2912-2H	Mechanical interlock & 2 Connecting Clips	330.-	1
S0-S0	3RA2922-2H	Mechanical interlock & 2 Connecting Clips	330.-	1
S2-S2 ¹⁾	3RA2932-2G	Mechanical interlock	185.-	1
	3RA2932-2G	2 Connecting Clips	185.-	10

1) for 3RT233 both Mechanical interlock and 2 Connecting Clips need to be ordered

Solid state switching devices - 3RF

Solid state contactless switching for application requiring frequent switching

- Compact 22.5mm design with built in LED & finger touch proof protection
- Blocking voltage 1200V
- Main voltage 48-460V AC
- Control voltage 4-30V DC
- Zero point switching



Rated current AC51 (max)	Type	Unit LP ₹	Std. pkg. (kits)
20	3RF2120-1AA45 ^S	1785.-	1
30	3RF2130-1AA45 ^S	2770.-	1
50	3RF2150-1AA45 ^S	4605.-	1
70	3RF2170-1AA45 ^S	5345.-	1
90	3RF2190-1AA45 ^S	6610.-	1

Contact your nearest Siemens partner to know more about

- 3RF20 solid state relays with 45mm design for resistive loads
- 3RF23 single phase solid state contactors with built in heatsink for resistive/inductive loads
- 3RF24 three phase solid state contactors with built-in heat sink for resistor loads upto 50A
- Add on function modules to achieve extended functionality

\$ To be used along with suitable heatsink, other voltages upon enquiry

Accessories for 3RH2 & 3RT2 contactors (S00, S0, S2)

Auxiliary Contact Blocks (S00 / S0 / S2)

for snapping onto the front

For	NO	NC	Type*	Unit LP ₹	Std. pkg. (nos.)
S00 / S0 / S2	1	-	3RH2911-1HA10	245.-	1
	-	1	3RH2911-1HA01		1
	2	-	3RH2911-1HA20	330.-	1
	1	1	3RH2911-1HA11		1
	-	2	3RH2911-1HA02		1
	2	2	3RH2911-1HA22		1
	3	1	3RH2911-1HA31	590.-	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 switch blocks on left and / or right

For	NO	NC	Type*1)	Unit LP ₹	Std. pkg. (nos.)
S00 / S0 / S2	-	2	3RH2921-1DA02	705.-	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 3RT1 contactors (S2-S12)

Auxiliary Contact Blocks (S2 - S12)

Size	NO	NC	#NO	*NC	Type	Unit LP ₹	Std. pkg. (nos.)
1 Pole Front mounted Auxiliary Contact blocks S2.... S12 (3RT1.3 - 3RT1.7)							
S2-S12	1	-	-	-	3RH1921-1CA10	170.-	10
	-	1	-	-	3RH1921-1CA01		10
	-	-	1	-	3RH1921-1CD10	345.-	10
	-	-	-	1	3RH1921-1CD01		10
2 Pole First Laterally mountable Auxiliary Contact blocks S2.... S12 (3RT1.3 - 3RT1.7)							
S2-S12	2	-	-	-	3RH1921-1EA20	740.-	1
	1	1	-	-	3RH1921-1EA11		1
	-	2	-	-	3RH1921-1EA02		1
2 Pole Second Laterally mountable Auxiliary Contact blocks 3RT1.4 - 3RT1.7							
S3-S12	2	-	-	-	3RH1921-1KA20	740.-	1
	1	1	-	-	3RH1921-1KA11		1
	-	2	-	-	3RH1921-1KA02		1



Delayed actuation

Reversing contactor Assemblies - 3RA.3



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	3465.-	1	24	3RA2315-8XB30-1BB4	4590.-	1
	9	4	230	3RA2316-8XB30-1AP0	3655.-	1	24	3RA2316-8XB30-1BB4	4965.-	1
	12	5.5	230	3RA2317-8XB30-1AP0	3820.-	1	24	3RA2317-8XB30-1BB4	5550.-	1
	16	7.5	230	3RA2318-8XB30-1AP0	4520.-	1	24	3RA2318-8XB30-1BB4	6515.-	1
S0	12	5.5	230	3RA2324-8XB30-1AL2	4515.-	1	24	3RA2324-8XB30-1BB4	6070.-	1
	17	7.5	230	3RA2325-8XB30-1AL2	5040.-	1	24	3RA2325-8XB30-1BB4	6960.-	1
	25	11	230	3RA2326-8XB30-1AL2	6080.-	1	24	3RA2326-8XB30-1BB4	9225.-	1
	32	15	230	3RA2327-8XB30-1AL2	11155.-	1	24	3RA2327-8XB30-1BB4	18065.-	1
	38	18.5	230	3RA2328-8XB30-1AL2	15650.-	1	24	3RA2328-8XB30-1BB4	20430.-	1
S2	50	22	230	3RA2336-8XB30-1AL2	17645.-	1	20...33	3RA2336-8XB30-1NB3 [€]	27150.-	1
	65	30	230	3RA2337-8XB30-1AL2	23640.-	1	20...33	3RA2337-8XB30-1NB3 [€]	30340.-	1
	80	37	230	3RA2338-8XB30-1AL2	29690.-	1	20...33	3RA2338-8XB30-1NB3 [€]	35960.-	1
S3	95	45	230	3RA1346-8XB30-1AL2	40290.-	1	24	3RA1346-8XB30-1BB4	49495.-	1

Star Delta Contactor Assemblies - 3RA.4



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	9045.-	1	24	3RA2415-8XF31-1BB4	10610.-	1
	17	7.5	230	3RA2416-8XF31-1AP0	9520.-	1	24	3RA2416-8XF31-1BB4	11550.-	1
	25	11	230	3RA2417-8XF31-1AP0	9985.-	1	24	3RA2417-8XF31-1BB4	12345.-	1
S0-S0-S0	25	11	230	3RA2423-8XF32-1AL2	11170.-	1	24	3RA2423-8XF32-1BB4	13765.-	1
	32/40	15/18.5	230	3RA2425-8XF32-1AL2	12845.-	1	24	3RA2425-8XF32-1BB4	24000.-	1
	50	22	230	3RA2426-8XF32-1AL2	18615.-	1	24	3RA2426-8XF32-1BB4	27580.-	1
S2-S2-S0	50/65	22/30	230	3RA2434-8XF32-1AL2	25145.-	1	20...33	3RA2434-8XF32-1NB3 [€]	37760.-	1
	80	37	230	3RA2435-8XF32-1AL2	26235.-	1	20...33	3RA2435-8XF32-1NB3 [€]	43085.-	1
	86	45	230	3RA2436-8XF32-1AL2	31555.-	1	20...33	3RA2436-8XF32-1NB3 [€]	46425.-	1
S2-S2-S2	115	55	230	3RA2437-8XF32-1AL2	38455.-	1	20...33	3RA2437-8XF32-1NB3 [€]	50105.-	1
S3-S3-S2	150	75	230	3RA1445-8XC21-1AL2	56220.-	1	24	3RA1445-8XC21-1BB4	69850.-	1

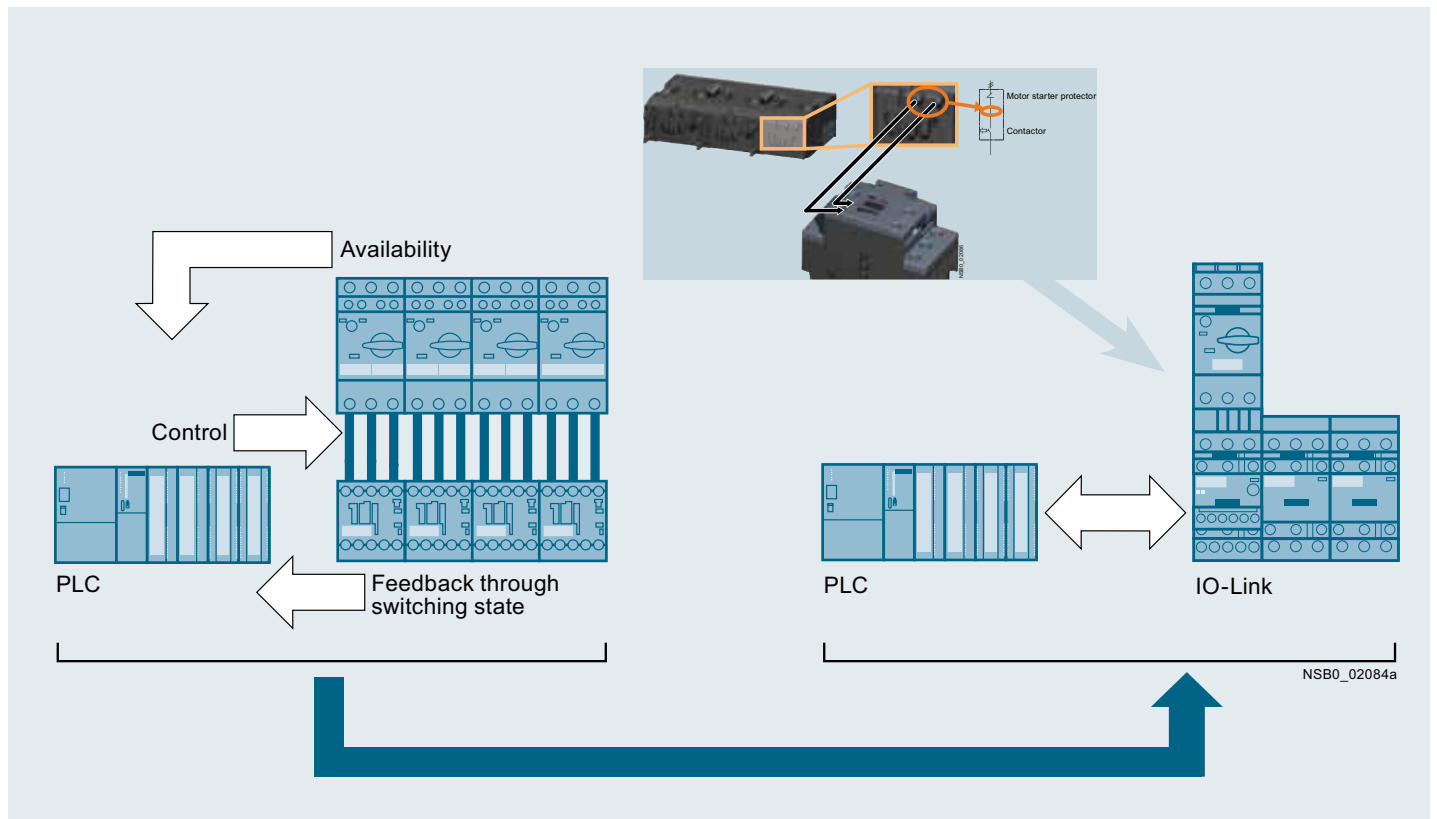
* For ordering above assembly with Spring type terminals, please replace 13th digit from "1 to 2" for S00, S0

€ - Universal operation AC / DC for 3RA233 / 3RA243

Above assemblies are also available as "ready to assemble kit" please refer page no. 22-24 & 27-30

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

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		Motor rating at 415V, 50 Hz	Auxillary contacts	Type*	Unit LP ₹	Std. pkg. (nos.)
	A	kW					
S00	7	3	1NO	3RT2015-1BB41-0CC0	1745.-	1	
			1NC	3RT2015-1BB42-0CC0			
	9	4	1NO	3RT2016-1BB41-0CC0	1880.-	1	
			1NC	3RT2016-1BB42-0CC0			
	12	5.5	1NO	3RT2017-1BB41-0CC0	2175.-	1	
			1NC	3RT2017-1BB42-0CC0			
16	7.5	1NO	3RT2018-1BB41-0CC0	2470.-	1		
		1NC	3RT2018-1BB42-0CC0				
S0	9	4	1NO + 1NC	3RT2023-1BB40-0CC0	2360.-	1	
	12	5.5	1NO + 1NC	3RT2024-1BB40-0CC0	2555.-	1	
	17	7.5	1NO + 1NC	3RT2025-1BB40-0CC0	3610.-	1	
	25	11	1NO + 1NC	3RT2026-1BB40-0CC0	4150.-	1	
	32	15	1NO + 1NC	3RT2027-1BB40-0CC0	7920.-	1	
	38	18.5	1NO + 1NC	3RT2028-1BB40-0CC0	10155.-	1	
S2	50	22	1NO + 1NC	3RT2036-1NB30-0CC0	12355.-	1	
	65	30	1NO + 1NC	3RT2037-1NB30-0CC0	13790.-	1	
	80	37	1NO + 1NC	3RT2038-1NB30-0CC0	16975.-	1	

*For ordering contactors with spring type terminals, please replace 8th digit from '1' to '2' for S00, S0

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

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 _c)							
			V AC	V DC						
S00	3RT2.1 & 3RH2.	Varistors (with LED)	24 ... 48	12 ... 24	■ 3RT2916-1JJ00	530.-	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		1			
		Diode with LED	-	24 ... 70	■ 3RT2916-1LM00		1			
		Additional load module	180 ... 255	-	■ 3RT2916-1GA00		1			
S0	3RT2.2	Varistors	24 ... 48	24 ... 70	■ 3RT2926-1BB00	700.-	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			
		S2	3RT2.3	Varistors ¹⁾	24 ... 48		24 ... 70	■ 3RT2936-1BB00	820.-	1
					48 ... 127		70 ... 150	■ 3RT2936-1BC00		1
127 ... 240	150 ... 250				■ 3RT2936-1BD00	1				
240 ... 400	-				■ 3RT2936-1BE00	1				
400 ... 600	-				■ 3RT2936-1BF00	1				
RC Element	24 ... 48			24 ... 70	■ 3RT2936-1CB00	1				
	48 ... 127			70 ... 150	■ 3RT2936-1CC00	1				
	127 ... 240			150 ... 250	■ 3RT2936-1CD00	1				
	240 ... 400			-	■ 3RT2936-1CE00	1				
Diode assemblies	-			24	■ 3RT2936-1ER00	1				
	-			30 ... 250	■ 3RT2936-1ES00	1				
Varistors with LED	127 ... 240			70 ... 150	■ 3RT2936-1JL00	1				

1) In 3RT2 S2 universal coil varistor is in-built

Sealable Covers

Size	For Contactor	Type	Unit LP* ₹	Std. pkg. (nos.)
S00, S0, S2	3RT2 & 3RH2 [@]	3RT2916-4MA10	165.-	1 pack = 5 units

* The LP mentioned is for 1 unit

@ 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	960.-	1
S0		3RA2926-1A		1

Stock items



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

Coil terminal modules for S0, S2

Size	For Contactor	Type	Unit LP ₹	Std. pkg. (nos.)
Connection from top	3RT2	3RT2926-4RA11	310.-	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	1675.-	1
S00, S0, S2	3RT2	onto the contactors	3RH2914-1GP11	1705.-	1



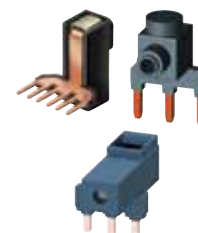
LED modules for indicating the contactor function

Size	For Contactor	Type	Unit LP* ₹	Std. pkg. (nos.)
S00, S0, S2	3RT2	3RT2926-1QT00	560.-	1 pack = 5 units



Links for paralleling

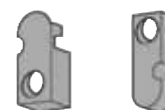
Size	For Contactor	Version	Max. Conductor cross-sections mm ²	Type	Unit LP ₹	Std. pkg. (nos.)
S00	3RT20 1	3-Pole with connection terminal	25 (stranded)	3RT1916-4BB31	350.-	1
S0	3RT20 2		50 (stranded)	3RT1926-4BB31	530.-	1
S2	3RT20 3		120 (stranded)	3RT1936-4BB31	700.-	1
S00	3RT23 1 & 3RT25 1	4-Pole with connection terminal	25 (stranded)	3RT1916-4BB41	530.-	1



Screw adapters for easy screw fixing

2 units required per contactor

Size	Type	Unit LP ₹	Std. pkg. (nos.)
S0, S2	3RT1926-4P	25.-	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	3715.-	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	2360.-	1
		110 AC/DC	3RT2926-3AF31		1
		230 AC/DC	3RT2926-3AP31		1



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



Pneumatic delay blocks

for snapping onto the front of size S0 contactors

For Contactor	Function	Auxiliary contacts	Time setting range t Sec	Type	Unit LP ₹	Std. pkg. (nos.)
3RT2.2	ON-Delay	1NO + 1NC	0.1 ... 30	3RT2926-2PA01	1840.-	1
			1 ... 60	3RT2926-2PA11		1
	OFF-Delay	1NO + 1NC	0.1 ... 30	3RT2926-2PR01	2195.-	1
			1 ... 60	3RT2926-2PR11		1

* The LP mentioned is for 1 unit



Solid state timer block

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

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	1960.-	1
		1NO + 1NC			3RA2813-1FW10		1
OFF-Delay without auxiliary voltage (Varistor integrated)		1CO	24 ... 240 VAC/DC	0.05 ... 100	3RA2815-1AW10	2340.-	1
		1NO + 1NC			3RA2815-1FW10		1
OFF-Delay with auxiliary voltage (Varistor integrated)	1CO	24 ... 240 VAC/DC	0.05 ... 100	3RA2814-1AW10	2155.-	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 _s 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	2135.-	1
OFF-Delay with auxiliary voltage	3RT2 3RH21 3RH24	-	24 ... 240 VAC/DC	0.05 ... 100	3RA2812-1DW10	2510.-	1

Cannot be fitted onto coupling relays. Also available for 3RT2 S2 on request

Version	SIRIUS function modules		SIRIUS function modules for IO-Link		SIRIUS function modules for AS-Interface	
	A		B		C	
Direct on line starting (S00/S0/S2)	*Pls refer above table for type reference (Solid state timer block with semiconductor output)		3RA2711-1AA00*	3475.-	3RA27121AA00*	3820.-
Reversing starting (S00/S0/S2)	for complete feeder refer page no. 22-23		3RA2711-1BA00*	6560.-	3RA2712-1BA00*	7205.-
Star delta starting (S00/S0/S2)	3RA2816-0EW20	4055.-	3RA2711-1CA00*	10155.-	3RA2712-1CA00*	11200.-

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

Accessories for 3RT1 Contactors (S2 ... S12)



Solid state timer block – for snapping onto the front of 3RT10, 3RT13, 3RT14, 3RT15

Function	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)	1NO + 1NC	24 AC/DC	0.05 ... 1	3RT1926-2EJ11	1830.-	1
			0.5 ... 10	3RT1926-2EJ21		1
			5 ... 100	3RT1926-2EJ31		1
	100 ... 127 AC	24 AC/DC	0.05 ... 1	3RT1926-2EC11		1
			0.5 ... 10	3RT1926-2EC21		1
			5 ... 100	3RT1926-2EC31		1
	200 ... 240 AC	24 AC/DC	0.05 ... 1	3RT1926-2ED11		1
			0.5 ... 10	3RT1926-2ED21		1
			5 ... 100	3RT1926-2ED31		1
OFF-Delay without auxiliary voltage (Varistor integrated)	1NO + 1NC	24 AC/DC	0.05 ... 1	3RT1926-2FJ11	2180.-	1
			0.5 ... 10	3RT1926-2FJ21		1
			5 ... 100	3RT1926-2FJ31		1
	100 ... 127 AC/DC	24 AC/DC	0.05 ... 1	3RT1926-2FK11		1
			0.5 ... 10	3RT1926-2FK21		1
			5 ... 100	3RT1926-2FK31		1
	200 ... 240 AC/DC	24 AC/DC	0.05 ... 1	3RT1926-2FL11		1
			0.5 ... 10	3RT1926-2FL21		1
			5 ... 100	3RT1926-2FL31		1
Star-Delta (Varistor integrated)	1 NO Delayed + 1 NO Instantaneous Dead time - 50 ms	24 AC/DC	1.5 ... 30	3RT1926-2GJ51	2005.-	1
		100 ... 127 AC	1.5 ... 30	3RT1926-2GC51		1
		200 ... 240 AC	1.5 ... 30	3RT1926-2GD51		1

Accessories for 3RT12

Description	Type	Unit LP ₹	Std. pkg. (nos.)
Line voltage surge suppressors			
upto 690V AC	3RT1966-1PV3	6275.-	1
upto 1000V AC	3RT1966-1PV4	9170.-	1
Auxiliary contact blocks			
second, 2NO	3RH1921-1KA20	740.-	1
second, 1NO+1NC	3RH1921-1KA11		1
second, 2NC	3RH1921-1KA02		1
Mechanical interlock mechanism	3RA1954-2A	1855.-	1
Coil surge suppressor			
RC element, for 110V-127V coil	3RT1956-1CC00	2315.-	1
RC element, for 220V-240V coil	3RT1956-1CD00		1

Accessories for 3RT13/15/16

Contactor size	Description	Type	Unit LP ₹	Std. pkg. (nos.)
Front mounted auxiliary contact block (for 3RT 13/15)				
S2-S12	1NO	3RH1921-1CA10*	170.-	1
	1NC	3RH1921-1CA01*	170.-	1
	2NO+2NC	3RH1921-1FA22	630.-	1
Side mounted auxiliary contact block (for 3RT 13/15/16)				
S2-S12	2NO	3RH1921-1EA20	740.-	1
	1NO+1NC	3RH1921-1EA11	740.-	1
	2NC	3RH1921-1EA02	740.-	1
Mechanical interlock kit (for 3RT 13)				
S2, S3	front mounting	3RA1924-1A	590.-	1
	side mounting	3RA1924-2B®	590.-	1

* Exception - 3RT12 & 3RT16

@ With built in 1NC per contactor

Accessories for 3RT1 Contactors (S2 ... S12)

Surge suppressors without LED

For fitting onto the coil terminals at top or bottom

Size	Version	AC Operation	DC Operation	Type	Unit LP ₹	Std. pkg. (nos.)
		Rated control supply voltage (U _s)				
		V AC	V DC			
S2, S3	Varistors	24 ... 48	24 ... 70	3RT1926-1BB00	730.-	1
		48 ... 127	70 ... 150	3RT1926-1BC00		1
		127 ... 240	150 ... 250	3RT1926-1BD00		1
		240 ... 400	-	3RT1926-1BE00		1
		400 ... 600	-	3RT1926-1BF00		1
	RC Elements	24 ... 48	24 ... 70	3RT1936-1CB00		1
		48 ... 127	70 ... 150	3RT1936-1CC00		1
		127 ... 240	150 ... 250	3RT1936-1CD00		1
		240 ... 400	-	3RT1936-1CE00		1
		400 ... 600	-	3RT1936-1CF00		1
	Diode Assemblies (Connectable at top)	-	24	3RT1936-1ER00		1
		-	30 ... 250	3RT1936-1ES00		1
	Diode Assemblies (Connectable at bottom)	-	24	3RT1936-1TR00		1
		-	30 ... 250	3RT1936-1TS00		1



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

For connecting to withdrawable coil with screw terminals with contactors with

—> 3RT1...-A... Conventional operating mechanism

—> 3RT1...-N... Solid state operating mechanism

S6, S10, S12	RC Elements	24 ... 48	24 ... 70	3RT1956-1CB00	730.-	1
		48 ... 127	70 ... 150	3RT1956-1CC00	2315.-	1
		127 ... 240	150 ... 250	3RT1956-1CD00		1
		240 ... 400	-	3RT1956-1CE00	730.-	1
		400 ... 600	-	3RT1956-1CF00		1



Coupling links for control by PLC

for mounting onto the coil terminals of the contactors

Size	Type	Unit LP ₹	Std. pkg. (nos.)
S2 ... S3	■ 3RH1924-1GP11	1755.-	1



LED modules for indicating the contactor function

Size	Type	Unit LP* ₹	Std. pkg. (nos.)
S2 ... S12	■ 3RT1926-1QT00	2915.-	1 pack = 5 units



* The LP mentioned is for 1 unit

Accessories for 3RT1 Contactors (S2 ... S12)

Box terminal blocks

Size	Version	Type	Unit LP ₹	Std. pkg. (nos.)
S6	For round and ribbon cables (Upto 70 mm ²)	3RT1955-4G	1315.-	1
	For round and ribbon cables (Upto 120 mm ²)	3RT1956-4G	1855.-	1
	Auxiliary conductor connection for box terminals	3TX7500-0A	745.-	1
S10 / S12	Upto 240 mm ² with auxiliary conductor connection	3RT1966-4G	5255.-	1



Covers

Terminal covers for box terminals

Size	Version	Type	Unit LP ₹	Std. pkg. (nos.)
S3	3 Pole	3RT1946-4EA2	450.-	1
	4 Pole	3RT1946-4EA4	450.-	1
S6	Length of 25 mm	3RT1956-4EA2	700.-	1
S10 / S12	Length of 30 mm	3RT1966-4EA2	1230.-	1



Terminal covers for cable lugs and busbar connection

S3	Length of 55 mm	3RT1946-4EA1	620.-	1
S6	Length of 100 mm	3RT1956-4EA1	1195.-	1
S10 / S12	Length of 120 mm	3RT1966-4EA1	1575.-	1

Busbar cover between contactor and 3RB2 overload relay or wiring module for contactor assemblies

S10 / S12	Length of 42 mm	3RT1966-4EA3	1055.-	1
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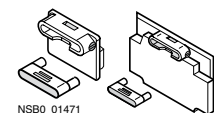
For busbar cover of the flat line connectors for reversing and wye-delta assemblies

S6	Length of 38 mm	3RT1956-4EA4	970.-	1
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Sealable Covers

Size	Type	Unit LP ₹	Std. pkg. (nos.)
S2 ... S12	3RT1926-4MA10	70.-	1 pack = 5 units



* The LP mentioned is for 1 unit

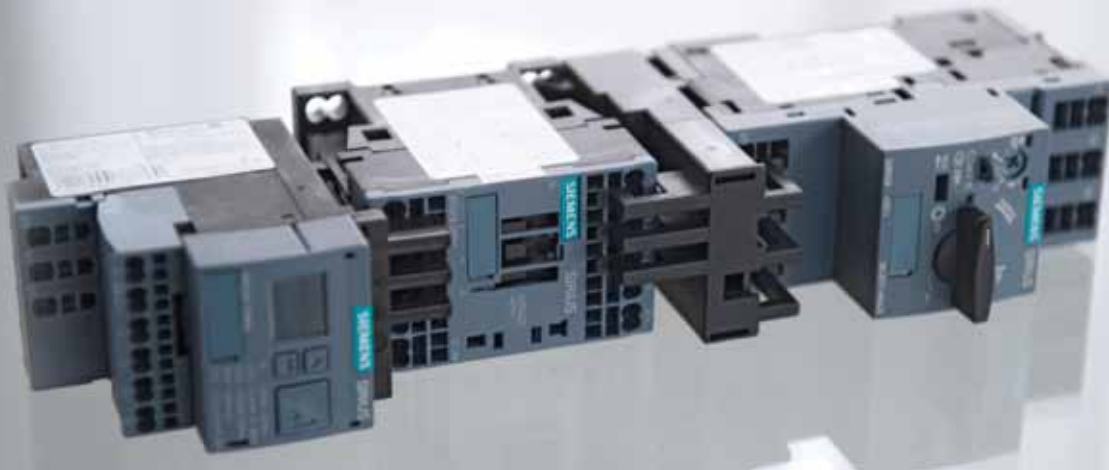
Links for paralleling

Size	Version	Max. Conductor cross-sections mm ²	Type	Unit LP ₹	Std. pkg. (nos.)
S3	3-Pole with through hole (Star Jumpers)	185	3RT1946-4BB31	1920.-	1
S6		–	3RT1956-4BA31	1055.-	1
S10 / S12		–	3RT1966-4BA31	1395.-	1



Stock items

LP - List Price

















3RA Load Feeders



Direct On-Line Starters

For busbar systems

Size of MPCB / contactor	MPCB	+	Contactor	+	Link module	+	Busbar adaptor	Final Assembled Unit
S00 / S00		+		+		+		
	3RV2		3RT2 AC and DC coil		3RA1921-1DA00		60mm – 8US1251-5DS10	
S0 / S0		+		+		+		
	3RV2		3RT2 AC coil DC coil		3RA2921-1AA00 3RA2921-1BA00		60mm -- 8US1251-5NT10	
S2 / S2		+		+		+		
	3RV2		3RT2 AC and DC coil		3RA2931-1AA00		60mm – 8US12 61-6MT10	

Busbar adaptors

Size of MPCB	Size of contactor	Version of busbar adaptor	Busbar centre to centre clearance mm	Type of busbar adaptor	Unit LP ₹	Std. pkg. (nos.)
S00	S00	Rated current 25 A, 45 mm wide, 200mm long	60	8US1251-5DS10	3240.-	1
S0	S0	Rated current 32 A, 45 mm wide, 260mm long		8US1251-5NT10	3645.-	1
S2	S2	Rated current 80A, 55 mm wide, 260mm long	60	8US1261-6MT10	6520.-	1

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	 3RV2	+	 3RT2 AC and DC coil	+	 3RA1921-1DA00	+	Not required	
(S00, S0) / S0	 3RV2	+	 3RT2 AC coil DC coil	+	 3RA2921-1AA00 3RA2921-1BA00	+	Not required	
S2 / S2	 3RV2	+	 3RT2 AC and DC coil	+	 3RA2931-1AA00	+	Not required	
S3 / S3	 3RV1	+	 3RT1 AC coil DC coil	+	 3RA1941-1AA00 3RA1941-1BA00	+	 3RA1942-1AA00	

– Available on request

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	355.-	1
	S2	S2	3RA2931-1AA00	1215.-	1
AC	S0	S00 / S0	3RA2921-1AA00	345.-	1
	S3	S3	3RA1941-1AA00	875.-	1
DC	S0	S00 / S0	3RA2921-1BA00	345.-	1
	S3	S3	3RA1941-1BA00	875.-	1

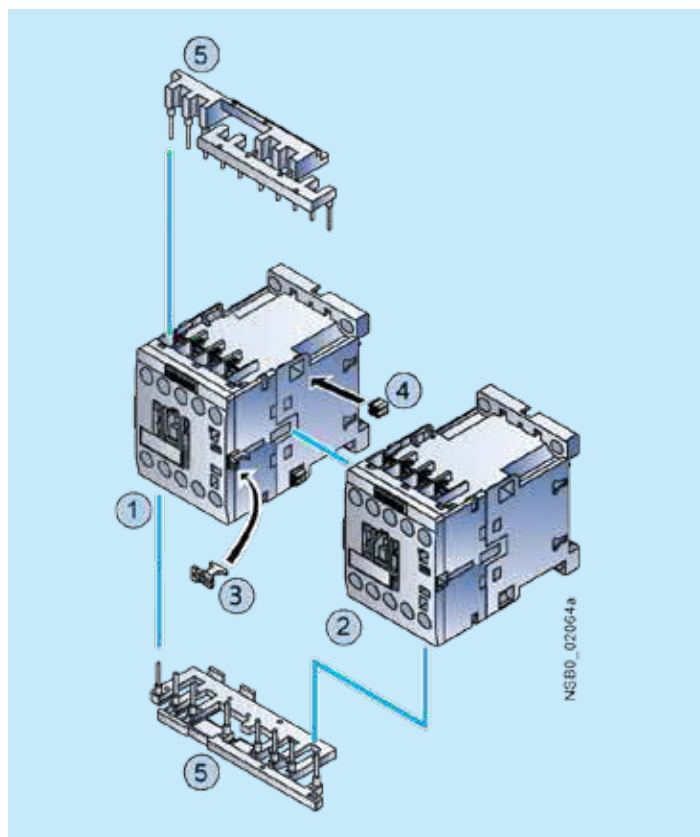
Standard mounting rail adaptor

Size of MPCB	Size of contactor	Type	Unit LP ₹	Std. pkg. (nos.)
S2	S2	3RA1932-1AA00	1340.-	1
S3	S3	3RA1942-1AA00	1690.-	1

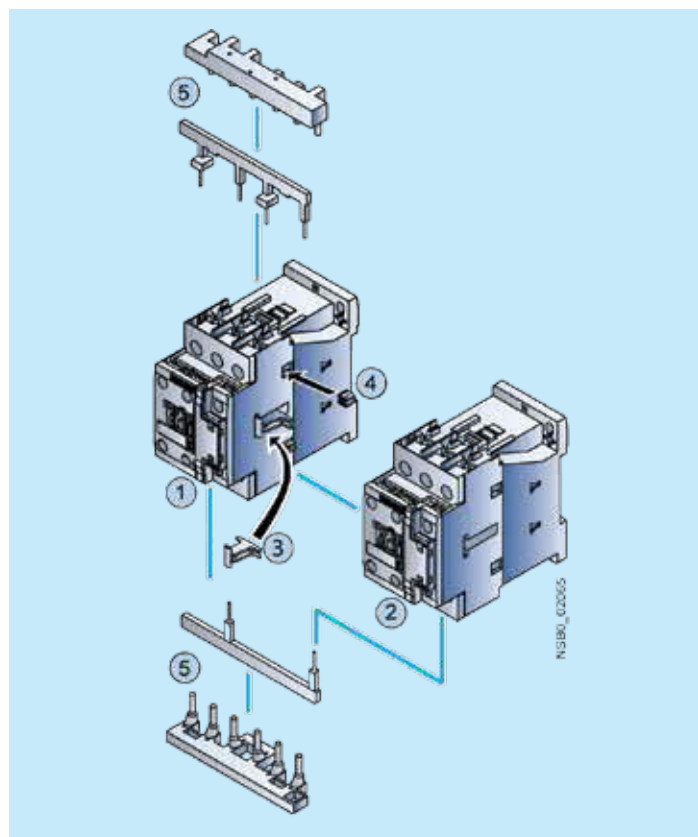
Accessories for 3RT2 Contactors

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

S00



S0



Individual Components

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

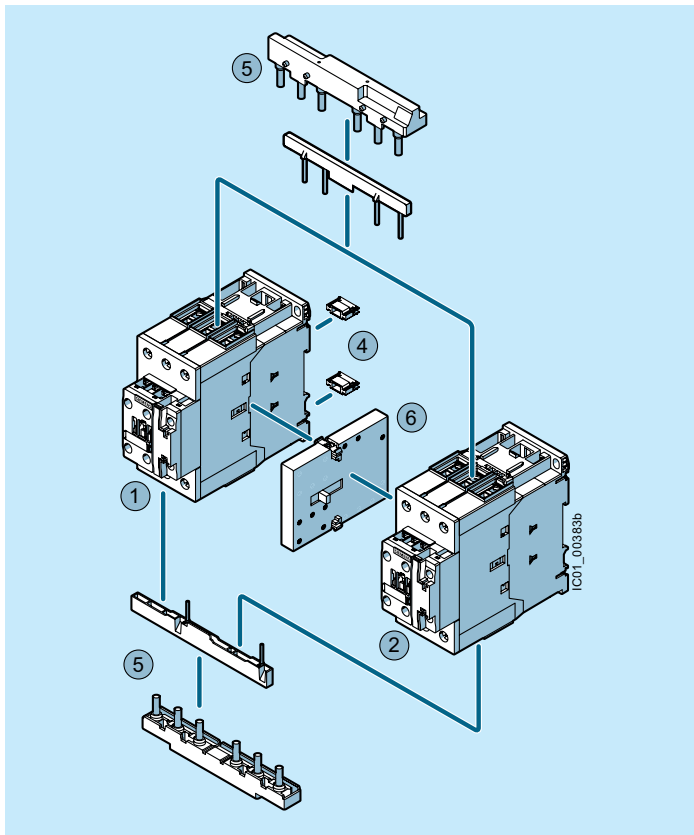
S. No.	Description	Contactor Size	Type*	MRP ₹ (per unit / set)	Std. pkg. (nos.)
A	<u>Installation Kit</u> Each kit contains: Mechanical interlock, 2 Connecting clips for 2 contactors, wiring modules on the top & bottom	S00-S00	3RA2913-2AA1	600.-	1 Unit
		S0-S0	3RA2923-2AA1	905.-	
B	Each set contains: Mechanical interlock & 2 Connecting clips	S00-S00	3RA2912-2H	330.-	1 pack (1 pack = 10 Sets)
		S0-S0	3RA2922-2H	330.-	

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



Accessories for 3RT2 Contactors

S2 - Mechanical Interlock & Assembly kit for reversing contactors



Individual Components

- ① ② Size S2 Power Contactor
- ④ Two connectors for two contactors
- ⑤ Wiring modules on the top and bottom for connecting the main current paths and auxiliary current paths, electrical interlock included (NC contact interlock)
- ⑥ Mechanical interlock

S. No.	For Contactor	Description	Type	LP ₹ (per unit / set)	Std. pkg. (nos.)
A	3RT20 3	Assembly Kit Each kit contains: • Two connectors for two contactors • Wiring modules on the top and bottom for connecting the main and auxiliary current paths	3RA2933-2AA1*	1000.-	1 Unit
B	3RT2.3	Mechanical interlock	3RA2934-2B	365.-	1 Unit

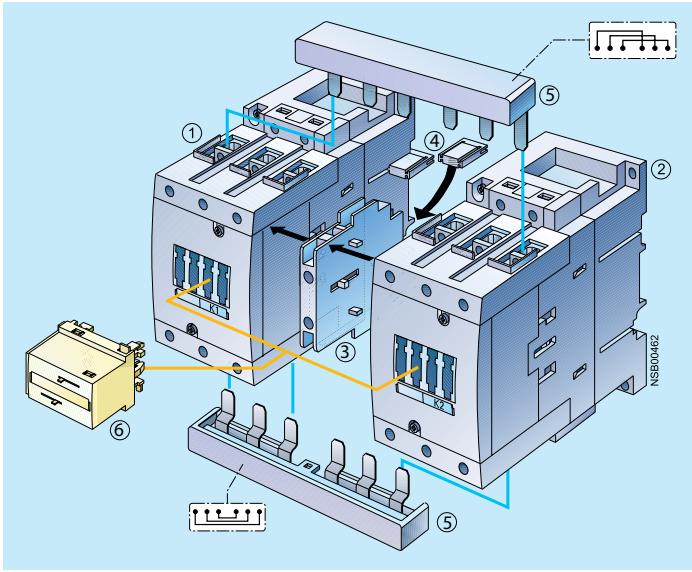
* For ordering assembly kit with spring type terminals please replace last digit from '1' to '2'

* Assembly kit only available for 3 Pole contactors only



Accessories for 3RT1 Contactors

S3 - Mechanical Interlock & Installation kit for reversing contactors



Individual Components

- ① ② Size S3 Power Contactor
- ③ Lateral mounted mechanical interlock
- ④ 2 Nos Connecting clips for two contactors
- ⑤ Wiring modules on the top & bottom
- ⑥ Front mounted mechanical interlock

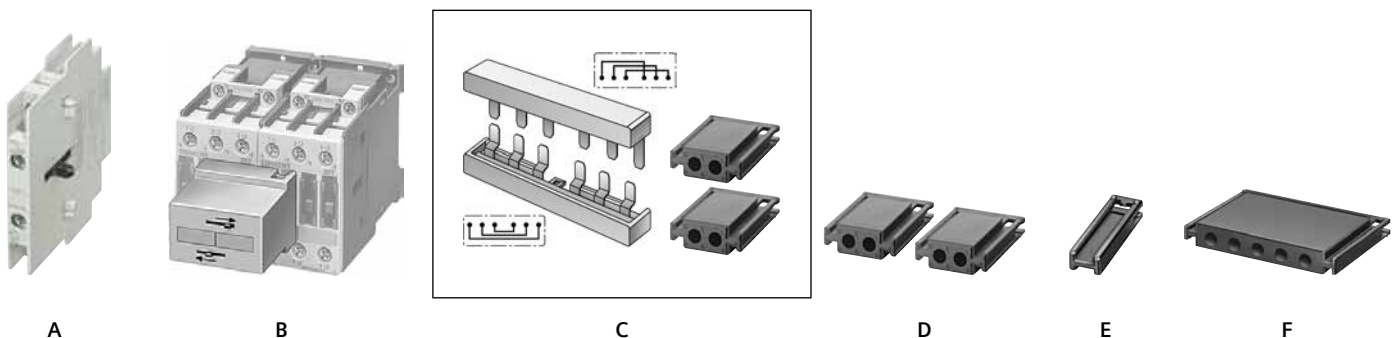
S. No.	For Contactor	Description	Type	LP ₹ (per unit / set)	Std. pkg. (nos.)
A	3RT10 4 3RT13 4	Lateral Mounted Mechanical Interlock (same as S0)	■ 3RA1924-2B	590.-	1 Unit
B	3RT10 4	Front Mounted Mechanical Interlock	3RA1924-1A	590.-	1 Unit
C	3RT10 4	<u>Installation Kit</u> Each kit contains: 2 Connecting clips for 2 contactors for lateral mounting, wiring modules on the top & bottom	3RA1943-2A	1500.-	1 Unit
D	3RT1. 3 3RT1. 4 3RT1. 5	Connecting Clips (for lateral mounted mechanical interlock) Each set consists of 2 Connecting clips	3RA1932-2D	170.-	1 pack (1 pack = 10 Sets)
E	3RT1. 3 3RT1. 4	Connecting Clips (for front mounted mechanical interlock) Each set consists of 2 Connecting clips	3RA1932-2C	170.-	1 pack (1 pack = 10 Sets)
F	3RT1. 4	Connecting Clips (for lateral mounted mechanical interlock) for 4P Contactor Each set consists of 2 Connecting clips	3RA1942-2G	340.-	1 pack (1 pack = 10 Sets)

Mechanical Interlock - Size S3

	3-Pole	4-Pole
Lateral Mounting with 1NC contact	A+D	A+F
Front Mounting	B+E	-

Installation Assembly for reversing contactors - Size S3

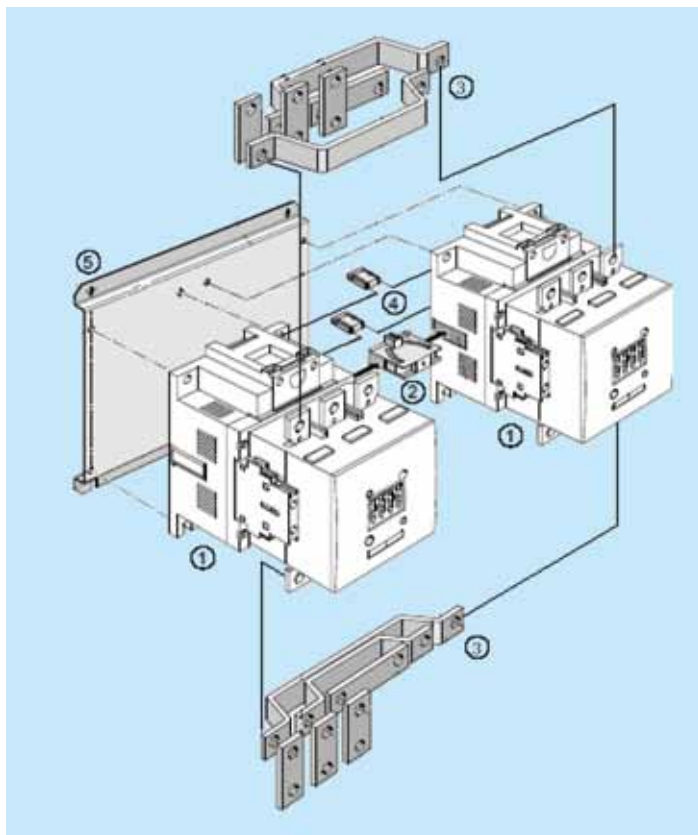
	3-Pole	4-Pole
Lateral Mounting with 1NC contact	A+C	-
Front Mounting	-	-



■ Stock items

Accessories for 3RT1 Contactors

S6 - Mechanical Interlock & Installation kit for reversing contactors



Individual Components

- ① Size S6 Power Contactor
- ② Lateral mounted mechanical interlock
- ③ Wiring modules on the top & bottom
- ④ 2 Nos Connecting clips for two contactors
- ⑤ Base plate

S. No.	For Contactor	Description	Type	LP ₹ (per unit / set)	Std. pkg. (nos.)
A	3RT1. 5 3RT1. 6 3RT1. 7	Lateral Mounted Mechanical Interlock	■ 3RA1954-2A	1855.-	1 Unit
B	3RT10 5	Base Plate	3RA1952-2A	2805.-	1 Unit
C	3RT10 5	Installation Kit Each kit contains wiring modules on the top & bottom (For connection with box terminals)	3RA1953-2A	15000.-	1 Unit
D	3RT10 5	Installation Kit Each kit contains wiring modules on the top & bottom (For connection without box terminals)	3RA1953-2M	5000.-	1 Unit
E	3RT1. 3 3RT1. 4 3RT1. 5	Connecting Clips (for lateral mounted mechanical interlock) Each set consists of 2 Connecting clips	3RA1932-2D	170.-	1 pack (1 pack = 10 Sets)

Mechanical Interlock - Size S6

	3-Pole
Lateral Mounting	A

Installation Assembly for reversing cont. - Size S6

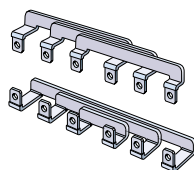
	3-Pole
Lateral Mounting (For contactor <u>with</u> box terminal)	A+B+C+E
Lateral Mounting (For contactor <u>without</u> box terminal)	A+B+D+E



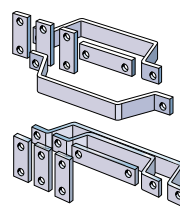
A



B



C



D



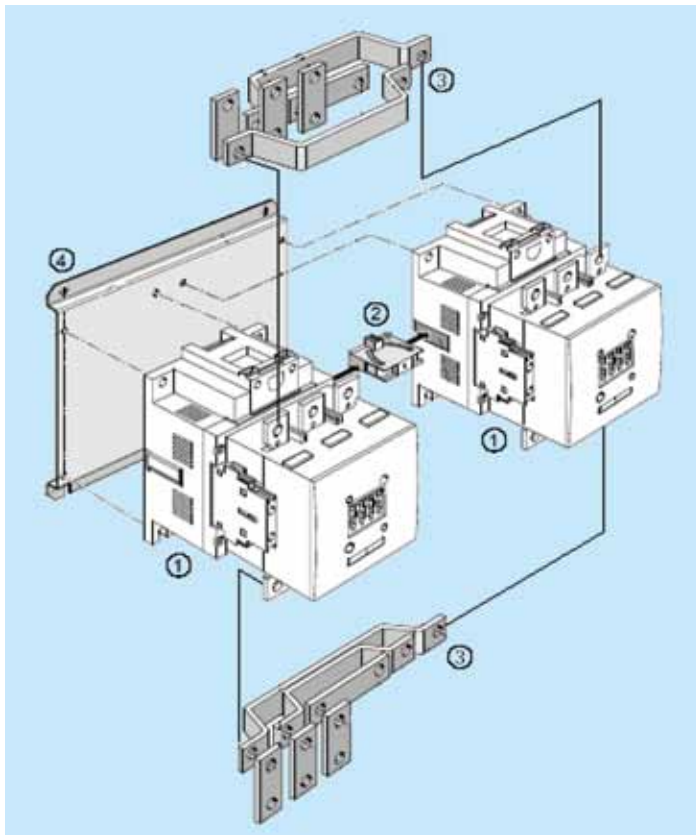
E

■ Stock items

LP - List Price

Accessories for 3RT1 Contactors

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



Individual Components

- ① Size S10, S12 Power Contactor
- ② Lateral mounted mechanical interlock
- ③ Wiring modules on the top & bottom
- ④ Base plate

S. No.	For Contactor	Description	Type	LP ₹ (per unit)	Std. pkg. (nos.)
A	3RT1. 6	Lateral Mounted	3RA1954-2A	1855.-	1 unit
	3RT1. 7	Mechanical Interlock			
B	3RT1. 6	Base Plate	3RA1962-2A	4200.-	1 unit
	3RT1. 7	Base Plate 3RA19	3RA1972-2A	4900.-	1 unit
C	3RT1. 6	Installation Kit Each kit contains wiring modules on the top (For connection without box terminals)	3RA1963-2A	16000.-	1 unit
	3RT1. 7		3RA1973-2A	17000.-	1 unit

Mechanical Interlock - Size S10, S12

	3-Pole
Lateral Mounting	A

Installation Assembly for reversing cont. - Size S10, S12

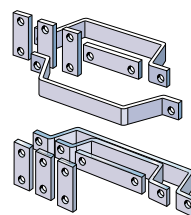
	3-Pole
Lateral Mounting (For contactor with box terminal)	A+B+C



A



B

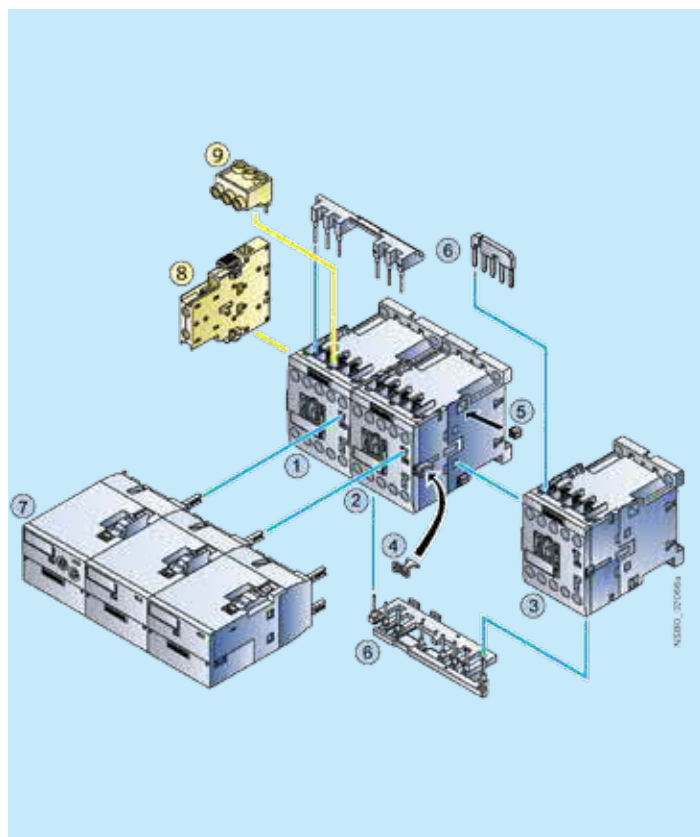


C

■ Stock items

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
- 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 Function module
- ⑧ Side mounted auxiliary contact block (optional, to be ordered separately)
- ⑨ 3-phase feeder terminal

S. No.	For Contactor	Description	Type	Unit LP ₹	Std. pkg. (nos.)
A	3RT20 1	<u>Installation Kit</u> Each kit contains: Mechanical interlock 4 Connecting clips, wiring modules on the top & bottom, Star jumper	■ 3RA2913-2BB1*	330.-	1 Unit
B	3RT20 1	Function module	■ 3RA2816-0EW20	4055.-	1 Unit
C	3RT20 1	3-phase feeder terminal	■ 3RA2913-3K	490.-	5 Unit

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

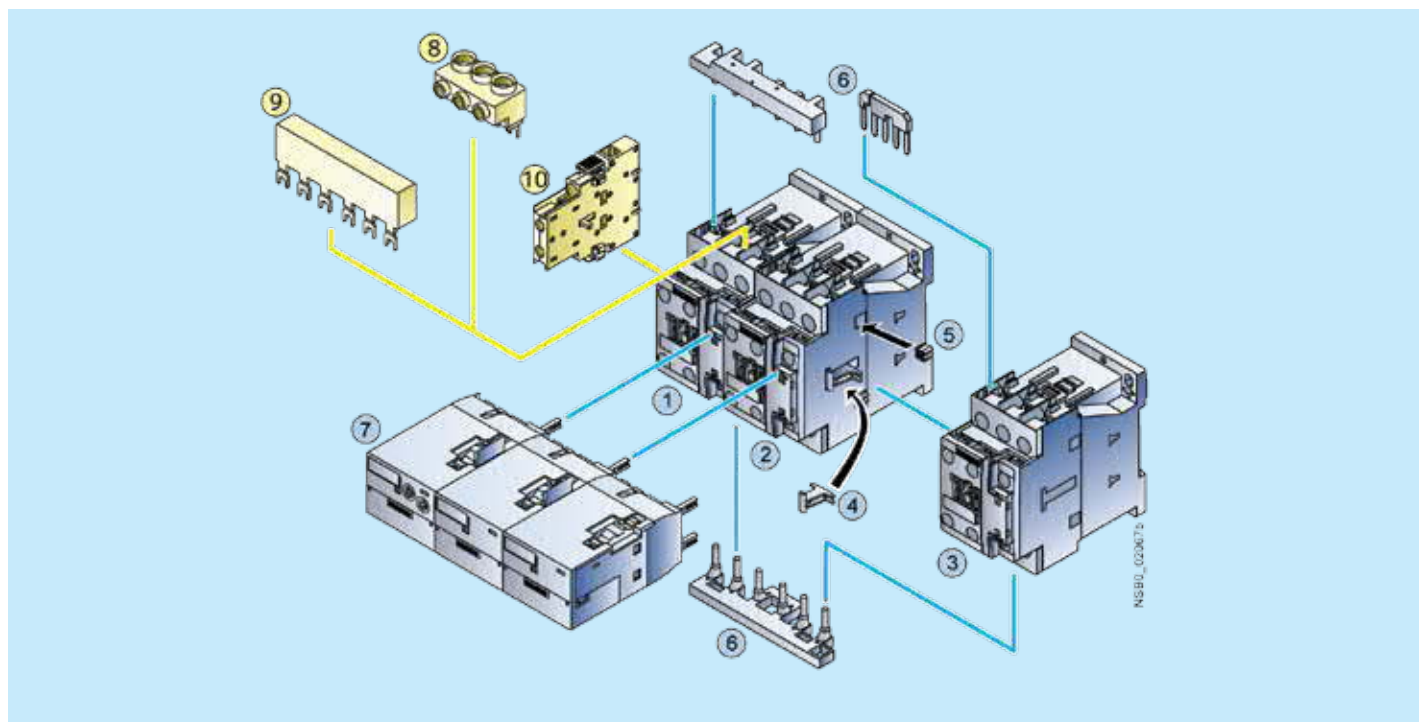


■ Stock items

LP - List Price

Accessories for 3RT2 Contactors

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

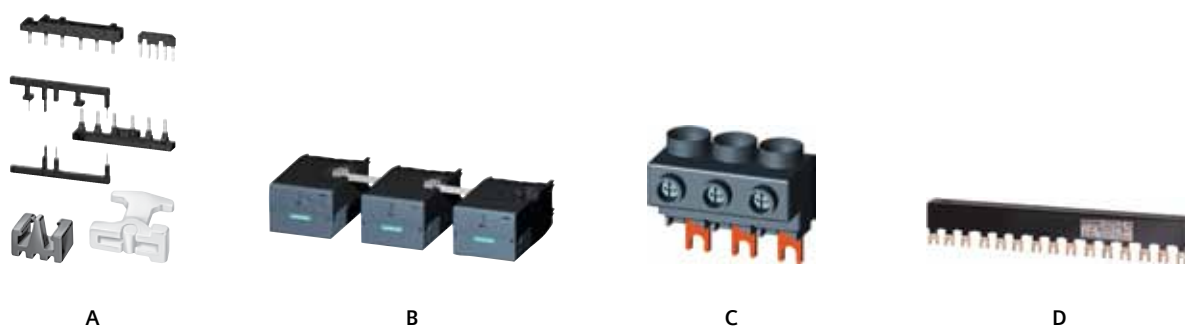


Individual Components

- ① ② ③ Power Contactors:
Line: S0
Delta: S0
Star: S0
- ④ Mechanical interlock front / lateral
- ⑤ Connecting clips for contactors
- ⑥ Wiring modules on the top & bottom for connecting the main conducting paths, star jumper
- ⑦ Function module
- ⑧ 3-phase feeder terminal (optional, to be ordered separately)
- ⑨ 3-phase busbar (optional, to be ordered separately)
- ⑩ Side mounted auxiliary contact block (optional, to be ordered separately)

S. No.	For Contactor	Description	Type	Unit LP ₹	Std. pkg. (nos.)
A	3RT20 2	<u>Installation Kit</u> Each kit contains: Mechanical interlock 4 Connecting clips, wiring modules on the top & bottom, Star jumper	■ 3RA2923-2BB1*	995.-	1 Unit
B	3RT20 2	Function module	■ 3RA2816-0EW20	4055.-	1 Unit
C	3RT20 2	3-phase feeder terminal	■ 3RV2925-5AB	1040.-	1 Unit
D	3RT20 2	3-phase busbar	■ 3RV1915-1AB	885.-	1 Unit

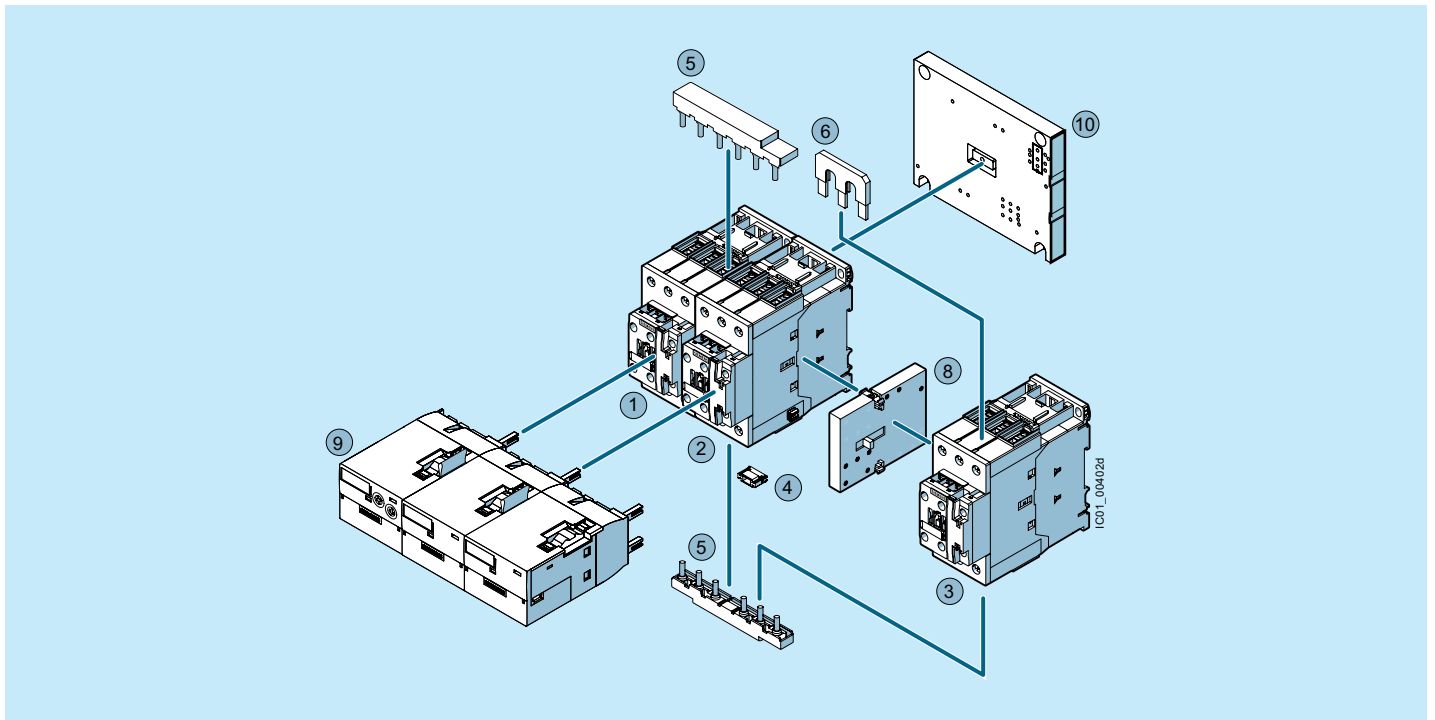
* For ordering installation kit with spring type terminals please replace last digit from '1' to '2'



■ Stock items

Accessories for 3RT2 Contactors

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

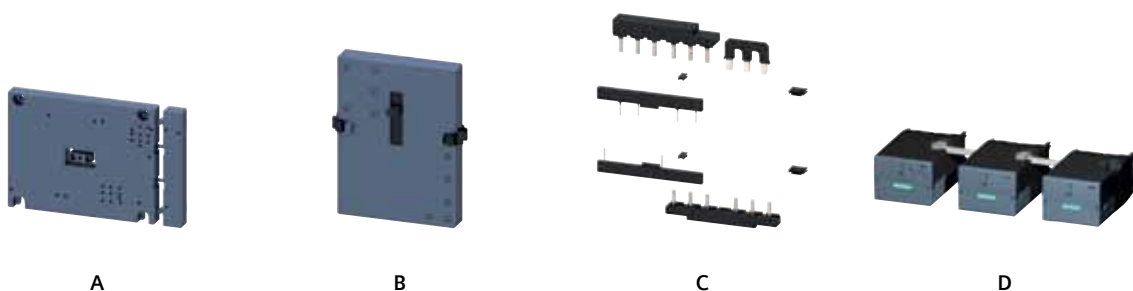


The figure shows the version with screw terminals in S2-S2-S2

Individual Components

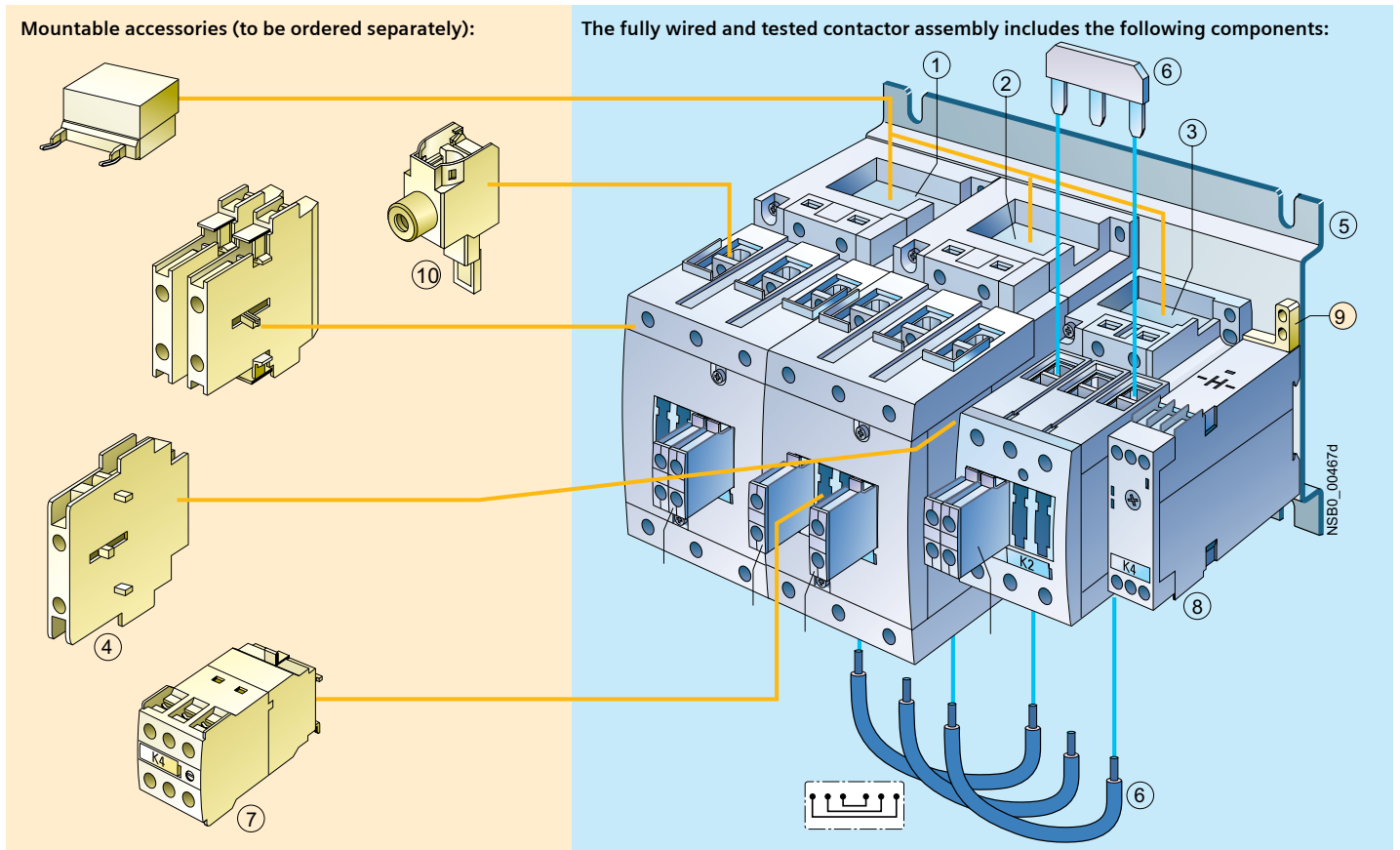
- ① ② ③ Contactors
- ④ ... ⑦ Assembly kit comprising:
S2-S2-S2: 3RA2933-2BB1
S2-S2-S0: 3RA2933-2C
- ④ Connectors for three contactors
- ⑤ Wiring modules on top and bottom for connecting the main and auxiliary circuits
- ⑥ Star jumper
- ⑦ Cable for connecting the A2 coil contact from the line contactor 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

S. No.	For Contactor	Type	LP ₹ (per unit / set)	Std. pkg. (nos.)
A	Base plate	3RA2932-2F	1400.-	1 Unit
B	Mechanical interlock, lateral	3RA2934-2B	600.-	1 Unit
C	Assembly Kit: S2-S2-S2	3RA2933-2BB1	1500.-	1 Unit
	Assembly Kit: S2-S2-S0	3RA2933-2C	1100.-	1 Unit
D	Functional Module	3RA2816-0EW20	4055.-	1 Unit



Accessories for 3RT1 Contactors

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



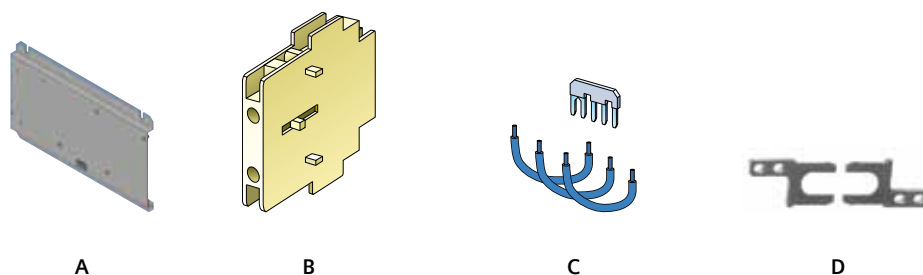
Individual Components

- ① ② ③ Power Contactors:
Line : S3
Delta : S3
Star: S2
- ④ Mechanical interlock, lateral
- ⑤ Base plate
- ⑥ Wiring modules on the bottom and star jumper on the top for connecting the main current paths
- ⑦ or ⑧ ⑦ Solid-state time-delay auxiliary switch block, front
⑧ 3RP star delta timer
- ⑨ Push-in lug for timing relay screw mounting
- ⑩ 1-phase feeder terminal

S. No.	Description	Type	LP ₹ (per unit / pack)	Std. pkg. (nos.)
A	Base plate	■ 3RA1942-2E	590.-	1 Unit
B	Mechanical interlock lateral	■ 3RA1924-2B	590.-	1 Unit
C	<u>Installation Kit</u> Each kit contains: Wiring modules on bottom, Star jumper	■ 3RA1943-2C	590.-	1 Unit
D	Push-in lug	■ 3RP1903-8K	160.-*	1 pack (1 pack = 10 Sets)

Appropriate star delta timer can be used for eg. 3RT19, 3RP

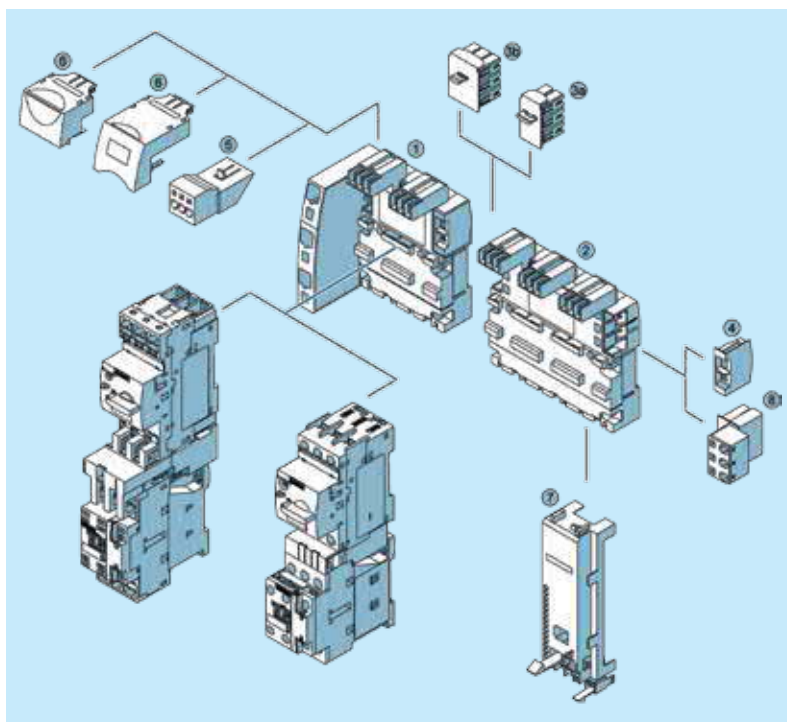
* The LP mentioned is for 1 pack



■ Stock items

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
- ② 3-phase busbar for system expansion
- ③a Expansion plug
- ③b Extra-wide expansion plug
- ④ End cover
- ⑤ Terminal block for device infeed
- ⑥ Plug-in connector
- ⑦ Contactor base
- ⑧ Terminal block

- 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	1455.-	1
		For 2 motor starter protectors with screw or spring-type terminals With infeed on the Right	S00, S0	3RV2917-1E	1455.-	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	885.-	1
		For 3 motor starter protectors with screw or spring-type terminals	S00, S0	3RV2917-4B	1170.-	1
③+	Expansion Plug (as spare part)			3RV2917-5BA00	300.-	1
	Extra-wide expansion plugs (as accessory)			3RV2917-5E	660.-	1
④+	End covers (as spare part)			3RV2917-6A	35.-	10
⑤+	Terminal blocks	for device infeed		3RV2917-5FA00	1000	1
⑥*	Plug-in connectors to make contact with motor starter protectors	For spring-type terminals	S00	3RV2917-5AA00	255.-	1
			S0	3RV2927-5AA00	255.-	1
		For Screw-type terminals	S00	3RV2917-5CA00	255.-	1
			S0	3RV1927-5AA00	290.-	1
⑦^	Contactor bases for mounting direct-on-line or reversing starters	For contactors	contactors S00, S0	3RV2927-7AA00	215.-	1
⑧+	Terminal blocks	for integration of single-phase, two-phase and three-phase components		3RV2917-5D	1040.-	1

* Required + Optional ^ Required for Reversing DOL

Spares coils



Magnetic coils for 3RT2 (S0, S2)

Size	AC Coil					Universal Coil (AC/DC)					
	Contactor type	Rated control supply voltage U_s at 50/60 Hz V AC	Type	Unit MRP ₹	Std. pkg. (nos.)	Contactor type	Rated control supply voltage U_s V DC	Type	Unit MRP ₹	Std. pkg. (nos.)	
S0	3RT20 23.. 3RT20 24.. 3RT20 25..	24V	3RT2924-5AC21	565.-	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						
S2	3RT203 3RT233 3RT253	24V	3RT2934-5AC21	2505.-	1	3RT203 3RT233 3RT253	20 ... 33	3RT2934-5NB31	3175.-	1	
		110V	3RT2934-5AG21		1		83 ... 155	3RT2934-5NF31		1	
		230V	3RT2934-5AL21		1		175 ... 280	3RT2934-5NP31		1	

Magnetic coils for 3RT1 (S2, S3)

Size	AC Coil					DC Coil				
	Contactor type	Rated control supply voltage U_s at 50/60 Hz V AC	Type	Unit MRP ₹	Std. pkg. (nos.)	Contactor type	Rated control supply voltage U_s V DC	Type	Unit MRP ₹	Std. pkg. (nos.)
S2	3RT10 34	24V	3RT1934-5AC21	810.-	1	3RT10 3 3RT13 3 3RT15 3	24V	3RT1934-5BB41	1315.-	1
		110V	3RT1934-5AG21		1		110V	3RT1934-5BF41		1
		230V	3RT1934-5AL21		1		220V	3RT1934-5BM41		1
		400V	3RT1934-5AV01		850.-		1			
	3RT10 35 3RT10 36 3RT13 3. 3RT15 3.	24V	3RT1935-5AC21	1420.-	1					
		110V	3RT1935-5AG21		1					
		230V	3RT1935-5AL21		1					
		400V	3RT1935-5AV01		1485.-	1				
S3	3RT10 44	24V	3RT1944-5AC21	2630.-	1	3RT10 4 3RT13 4 3RT14 4 3RT15 4	24V	3RT1944-5BB41	3335.-	1
		110V	3RT1944-5AG21		1		110V	3RT1944-5BF41		1
		230V	3RT1944-5AL21		1		220V	3RT1944-5BM41		1
		400V	3RT1944-5AV01		1					
	3RT10 45/46 3RT13 4. 3RT14 46 3RT15 4.	24V	3RT1945-5AC21	2755.-	1					
		110V	3RT1945-5AG21		1					
		230V	3RT1945-5AL21		1					
		400V	3RT1945-5AV01		1					

Withdrawable coils (S10, S12)

Conventional operating mechanism

Size	AC Coil				
	Contactor type	Rated control supply voltage U _c at 40 to 60Hz AC, DC V AC/DC	Type	Unit LP ₹	Std. pkg. (nos.)
S10	3RT12 6	23...26V AC/DC	3RT1966-5AB31	8155.-	1
		110...127V AC/DC	3RT1966-5AF31		1
		220...240V AC/DC	3RT1966-5AP31		1
S12	3RT12 7	23...26V AC/DC	3RT1975-5AB31	9810.-	1
		110...127V AC/DC	3RT1975-5AF318K		1
		220...240V AC/DC	3RT1975-5AP318K		1

Solid-state operating mechanism (24V DC PLC output)

Size	DC Coil				
	Contactor type	Rated control supply voltage U _c at 40 to 60Hz AC, DC V AC/DC	Type	Unit LP ₹	Std. pkg. (nos.)
S10	3RT12 6	96...127V	3RT1966-5NF31	10515.-	1
		200...277V	3RT1966-5NP31		1
S12	3RT12 7	21...27.3V	3RT1975-5NB31	13885.-	1
		96...127V	3RT1975-5NF31		1
		200...277V	3RT1975-5NP31		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 _c 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	15775.-	1
		200...277V AC/DC	3RT1955-5PP31	15775.-	1
S10	3RT10 6 3RT14 6	96...127V AC/DC	3RT1965-5PF31	19990.-	1
		200...277V AC/DC	3RT1965-5PP31	19990.-	1
S12	3RT10 7 3RT14 7	96...127V AC/DC	3RT1975-5PF31	26660.-	1
		200...277V AC/DC	3RT1975-5PP31	26660.-	1



Spare parts for 3RT, 3RH contactors and contactor relays

Arc Chambers for 3RT10 / 3RT14

Size	Contactor type	Version	Type	Unit LP ₹	Std. pkg. (nos.)
S2	3RT203.-1A..		3RT2936-7A	1990.-	
			3RT2936-7B	1990.-	
S2	3RT10 3	Arc chutes 3-pole	3RT1936-7A	1245.-	1
S3	3RT10 4		3RT1946-7A	2090.-	1
	3RT14 46 ¹⁾		3RT1946-7A	2090.-	1
S6	3RT10 54		3RT1954-7A	2495.-	1
	3RT10 55		3RT1955-7A	2820.-	1
	3RT10 56		3RT1956-7A	3105.-	1
S10	3RT10 64		3RT1964-7A	3185.-	1
	3RT10 65		3RT1965-7A	3440.-	1
	3RT10 66		3RT1966-7A	3555.-	1
S12	3RT10 75		3RT1975-7A	3995.-	1
	3RT10 76		3RT1976-7A	4110.-	1
S6	3RT14 56 ¹⁾		3RT1956-7B	4125.-	1
S10	3RT14 66 ¹⁾	3RT1966-7B	4825.-	1	
S12	3RT14 76 ¹⁾	3RT1976-7B	5700.-	1	

1) For 3RT14 AC-1 duty power contactors

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	105.-	5
3RT10/3RT20 25/26 replacing 3TF/3TR 32/33	3TX80250A	160.-	5
3RT10 34/35 replacing 3TF/3TR 34/35	3TX80400A	220.-	5
3RT10 36 replacing 3TF/3TR 46	3TX80500A	255.-	5
3RT10 44/45 replacing 3TF/3TR 47 / 3TF 477	3TX80800A	515.-	1
3RT10 45/46 replacing 3TF/3TR 48/49	3TX80950A	535.-	1
3RT10 56 replacing 3TF/3TR 52	3TX81850A	925.-	1
3RT10 64 replacing 3TF/3TR 53	3TX82250A	990.-	1

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

Description (Adaptor plates for using in place of old relay terminal block required for independent mounting)	Type	Unit LP ₹	MOQ
3RU29/3RU19 (1.8-25A) replacing 3UA/3UR 52 (1-25A)	3UX8025	250.-	1
3RU19 (5.5-50A) replacing 3UA/3UR 55 (10-45A)	3UX8050	295.-	1
3RU19 (18-100A) replacing 3UA/3UR 58 (16-95A) & replacing 3UA/3UR 5830 (70-120A)	3UX8100	335.-	1

Contacts with fixing parts

For 3RT10, 3 pole power contactors

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

Size	Contact type	Type	Unit LP ₹	Std. pkg. (nos.)
S2	3RT20 36	3RT2936-6A	3155.-	1
	3RT20 37	3RT2937-6A	4200.-	1
	3RT20 38	3RT2938-6A	5595.-	1
S2	3RT10 34	3RT1934-6A	1945.-	1
	3RT10 35	3RT1935-6A	2725.-	1
	3RT10 36	3RT1936-6A	3155.-	1
S3	3RT10 44	3RT1944-6A	4200.-	1
	3RT10 45	3RT1945-6A	5595.-	1
	3RT10 46	3RT1946-6A	7535.-	1
S6	3RT10 54	3RT1954-6A	8230.-	1
	3RT10 55	3RT1955-6A	10325.-	1
	3RT10 56	3RT1956-6A	13140.-	1
S10	3RT10 64	3RT1964-6A	14895.-	1
	3RT10 65	3RT1965-6A	16645.-	1
	3RT10 66	3RT1966-6A	19625.-	1
S12	3RT10 75	3RT1975-6A	25920.-	1
	3RT10 76	3RT1976-6A	33285.-	1

For 3RT14 AC-1 duty power contactors

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

Size	Contact type	Type	Unit LP ₹	Std. pkg. (nos.)
S3	3RT14 46	3RT1946-6D	12430.-	1
S6	3RT14 56	3RT1956-6D	19970.-	1
S10	3RT14 66	3RT1966-6D	31105.-	1
S12	3RT14 76	3RT1976-6D	39935.-	1

For 3RT13, 4 pole AC-1 duty contactors

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

Size	Contact type	Type	Unit LP ₹	Std. pkg. (nos.)
S2	3RT23 36	3RT2936-6E	3860.-	1
	3RT23 37	3RT2937-6E	4450.-	1
S2	3RT13 26	3RT1936-6E	3860.-	1
S3	3RT13 44	3RT1944-6E	11560.-	1
	3RT13 46	3RT1946-6E	14455.-	1

Spares for 3RT12 vacuum contactors

For contactor	Type	Unit LP ₹	Std. pkg. (nos.)
Spare coils ¹⁾			
3RT126	3RT1966-5A..1	8155.-	1
3RT127	3RT1975-5AB31 3RT1975-5AV31 3RT1975-5AF318K 3RT1975-5AP318K	9810.-	1
Solid state operating mechanism			
3RT126	96... 127V AC/DC	3RT1966-5NF31	10515.-
	200...277V AC/DC	3RT1966-5NP31	10515.-
3RT127	200...277V AC/DC	3RT1975-5NP31	13885.-
Spare vacuum bottles (set of 3)			
3RT1264	3RT1964-6V	52795.-	1
3RT1265	3RT1965-6V	60960.-	1
3RT1266	3RT1966-6V	74365.-	1
3RT1275	3RT1975-6V	89865.-	1
3RT1276	3RT1976-6V	108170.-	1

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 (MRPs for 110, 230, 415V)				DC coil (MRP*s for 24, 110, 220, 250V)			
		Aux. contacts	Type Pl. fill in coil voltage code	Unit MRP ₹	Std. pkg. (nos.)	Aux. contacts	Type Pl. fill in coil voltage code	Unit MRP ₹	Std. pkg. (nos.)
0	10	4NO [§]	■ 3TH3040-0A..	1095.-	1	4NO [§]	■ 3TH3040-0B..	1550.-	1
		3NO + 1NC [§]	■ 3TH3031-0A..			3NO + 1NC [§]	■ 3TH3031-0B..		
		2NO + 2NC [§]	■ 3TH3022-0A..			2NO + 2NC [§]	■ 3TH3022-0B..		

Power contactors - SICOP 3TF

Size	Rated current (A) Ie AC3 upto 415V	Motor kW at 415V 50Hz, 3ph	AC 50 Hz coil (MRPs for 110, 230, 415V)				DC coil (MRPs for 24, 110, 220, 250V)			
			Auxiliary contacts	Type Pl. fill in coil voltage code	Unit MRP ₹	Std. pkg. (nos.)	Auxiliary contacts	Type Pl. fill in coil voltage code	Unit MRP ₹	Std. pkg. (nos.)
0	9	4	1NO [§]	■ 3TF3010-0A..	980.-	1	1NO [§]	■ 3TF3010-0B..	1695.-	1
			1NC [§]	■ 3TF3001-0A..			1NC [§]	■ 3TF3001-0B..		
	12	5.5	1NO [§]	■ 3TF3110-0A..	1095.-	1	1NO [§]	■ 3TF3110-0B..	1850.-	1
			1NC [§]	■ 3TF3101-0A..			1NC [§]	■ 3TF3101-0B..		
1	16	7.5	- [§]	■ 3TF3200-0A..	1125.-	1	- [§]	■ 3TF3200-0B..	2140.-	1
	22	11	- [§]	■ 3TF3300-0A..	1505.-	1	- [§]	■ 3TF3300-0B..	2800.-	1
2	32	15	- [§]	■ 3TF3400-0A..	3335.-	1	- [§]	■ 3TF3400-0B..	6610.-	1
	38	18.5	- [§]	■ 3TF3500-0A..	5015.-	1	- [§]	■ 3TF3500-0B..	7580.-	1
	40	18.5	- [§]	■ 3TF3500-0A..ZT00^	5090.-	1	- [§]	■ 3TF3500-0B..ZT00^	7650.-	1

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, 220, 250V)			
			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.)
3	45	22	2NO + 2NC [§]	■ 3TF4602-0A..ZA01 [®]	6930.-	1	2NO + 2NC	3TF4602-0D..ZA01 [®]	10700.-	1
	63	30	2NO + 2NC [§]	■ 3TF4702-0A..ZA01 [®]	9930.-	1	2NO + 2NC	3TF4702-0D..ZA01 [®]	12310.-	1
	65	30	2NO + 2NC [§]	■ 3TF4702-0A..ZT00^	10000.-	1	2NO + 2NC [§]	3TF4702-0D..ZT00^	12425.-	1
	70	37	2NO + 2NC [§]	■ 3TF4772-0A..	10945.-	1	2NO + 2NC	3TF4772-0D..	14065.-	1
4	75	42	2NO + 2NC [§]	■ 3TF4822-0A..ZA01 [®]	12505.-	1	2NO + 2NC	3TF4822-0D..ZA01 [®]	15030.-	1
	85	45	2NO + 2NC [§]	■ 3TF4922-0A..ZA01 [®]	14815.-	1	2NO + 2NC	3TF4922-0D..ZA01 [®]	17970.-	1
6	110	55	2NO + 2NC [§]	■ 3TF5002-0A..	17925.-	1	2NO + 2NC	3TF5002-0D..	20545.-	1
	140	75	2NO + 2NC [§]	■ 3TF5102-0A..	23650.-	1	2NO + 2NC	3TF5102-0D..	28225.-	1
8	170	90	2NO + 2NC [§]	■ 3TF5202-0A..	31310.-	1	2NO + 2NC	3TF5202-0D..	36955.-	1
	205	110	2NO + 2NC [§]	■ 3TF5302-0A..	34245.-	1	2NO + 2NC	3TF5302-0D..	41315.-	1
10	250	132	2NO + 2NC [§]	■ 3TF5402-0A..	40465.-	1	2NO + 2NC	3TF5402-0D.. ¹⁾	46990.-	1
	300	160	2NO + 2NC [§]	■ 3TF5502-0A..	48980.-	1	2NO + 2NC	3TF5502-0D.. ¹⁾	53525.-	1
12	400	200	2NO + 2NC [§]	■ 3TF5602-0A..	61385.-	1	2NO + 2NC	3TF5602-0D.. ¹⁾	66095.-	1
	475	250	2NO + 2NC [§]	■ 3TF5702-0C..	82320.-	1	refer page no. 7			
14	630	355	4NO + 4NC	3TF6844-0C..	refer	1	3NO + 3NC	3TF6833-1D.. ²⁾	refer	1
	820	450	4NO + 4NC	3TF6944-0C..	page no. 9	1	3NO + 3NC	3TF6933-1D.. ²⁾	page no. 9	1

1) Please connect DC coil circuit as recommended in operating instruction.

2) LP* includes control contactor

® For box type (SIGUT) terminals, order 2 nos 3TX7 460-0E, LP* ₹ 370.- each.

§ For more aux. contacts, pl. see table below.

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

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

Coil voltage (V)	24	42	■ 110	■ 230	■ 415
Code	B0	D0	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: 3TF57/3TF68/69

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

DC coil code: 3TF30 to 3TF56, 3TF68/69, 3TH3

Coil voltage (V)	■ 24	42	48	110	220	250+
Code	B4	D4	W4	F4	M4	N4

+ For 3TF3, 3TH3 only

■ Stock items

Please order in multiples of standard packing.

LP - List Price

Auxiliary contact blocks

For contactor	Description	Type	Unit MRP ₹	Std. pkg. (nos.)
3TF30 to 35 & 3TH30	1NO	■ 3TX4010-2A	160.-	10
	1NC	■ 3TX4001-2A	160.-	10
	1NO (Extd)	■ 3TX4010-4A	250.-	10
	1NC (Extd)	■ 3TX4001-4A	250.-	10
3TF46 to 3TF57, 3TK5	Second 1NO+1NC Left	■ 3TY7561-1KA008K	735.-	1
	Second 1NO+1NC Right			

Extra LP/MRP* per unit for non-std coils B0 / D0 / M0# / U0# (AC), D4 / W4 (DC) and wide band

for 3TH, 3TF30 to 33	145.-	for 3TF34 to 49	225.-	for 3TF50 to 56	615.-
Wide band coil for 3TH, 3TF30 to 33	145.-	Wide band coil for 3TF34/35	225.-		

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

MRP - Maximum Retail Price

Siemens switchgear. Tried, tested, trusted.

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..	14510.-	1
4	75	3TC4817-0B..	72250.-	1
8	220	3TC5217-0B..	121620.-	1
12	400	3TC5617-0B..	207705.-	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..	20030.-	1
4	75	3TC4817-0A..	87020.-	1
8	220	3TC5217-0A..	149515.-	1
12	400	3TC5617-0A..	276005.-	1

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

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

Hoisting duty contactors - 3TF

For high switching frequency / inching applications
with AC coils, 2NO+2NC aux. contacts

Contactor size	Rated current Ie (A) AC2/AC3 at 415V	Type ¹⁾	Unit LP ₹	Std. pkg. (nos.)
6	110	3TF5000-0A..	18840.-	1
8	170	3TF5200-0A..	32760.-	1
10	250	3TF5400-0A..	41750.-	1
12	400	3TF5600-0A..	64605.-	1

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

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

2 Pole AC contactors - 3TF

For single phase and 2 phase applications with AC coils

Contactor size	Rated current Ie (A)	Type ¹⁾	Unit LP ₹	Std. pkg. (nos.)
3	45	3TF4602-0A..ZB01	5050.-	1
3	63	3TF4702-0A..ZB01	7455.-	1
3	70	3TF4772-0A..ZB01	7910.-	1
6	110	3TF5002-0A..ZB01	11465.-	1
6	140	3TF5102-0A..ZB01	15160.-	1
8	170	3TF5202-0A..ZB01	19945.-	1
8	205	3TF5302-0A..ZB01	21570.-	1
10	250	3TF5402-0A..ZB01	25455.-	1
10	300	3TF5502-0A..ZB01	30205.-	1
12	400	3TF5602-0A..ZB01	37705.-	1

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 [#]	505.-	10
3TF46/47/47-7	■ 3TX7466-1YA0	1785.-	2
3TF48/49	■ 3TX7486-1YA0	2895.-	2
3TF50/51	■ 3TX7506-1YA0	3265.-	2
3TF52/53	■ 3TX7526-1YA0	3740.-	2
3TF54/55	■ 3TX7546-1YA0	4495.-	2
3TF56/57	■ 3TX7566-1YA0	4800.-	2
3TF50/52	3TX7526-1YA09	3740.-	2
3TF52/54	■ 3TX7546-1YA09	4495.-	2

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

Adaptor plates for replacing 3TA by SICOP contactors

Adaptor plates, to replace	Type	Unit LP ₹	Std. pkg. (nos.)
3TA61-0A by 3TH30-0A	3TX6406-0A	95.-	5
3TA67/21 by 3TH30, 3TF30/31 3TA21/11 by 3TF32/33	3TX2143-1YA0	95.-	5
3TA22/13 by 3TF32-35	3TX2242-1YA0	145.-	5
3TA24 by 3TF46/47/477	3TX2446-1YA0	220.-	5
3TA24/16 by 3TF48/49	3TX1648-1YA0	220.-	5
3TA16 by 3TF50/51	3TX1650-1YA0	525.-	5
3TA28 by 3TF50/51	3TX2850-1YA0	525.-	5
3TA28 by 3TF52/53	3TX2852-1YA0	620.-	5

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	455.-	10
48 - 127V	70 - 150V	■ 3TX7402-3HY1	455.-	10
127 - 240V	150 - 250V	■ 3TX7402-3JY1	455.-	10
240 - 400V	—	3TX7402-3KY1	585.-	10
400 - 600V	—	3TX7402-3LY1	585.-	10
Surge suppressor (varistor) for 3TF46-56				
Less than 48V	24 - 70V	■ 3TX7462-3GY1	625.-	10
48 - 127V	70 - 150V	■ 3TX7462-3HY1		10
127 - 240V	150 - 250V	■ 3TX7462-3JY1		10
240 - 400V	—	3TX7462-3KY1	660.-	10
400 - 600V	—	3TX7462-3LY1	660.-	10
Surge suppressor (RC unit) for 3TF30-35, 3TH30				
24 - 48 V	24 - 70 V	3TX7402-3RY2	725.-	10
48 - 127V	70 - 150V	3TX7402-3SY2		10
127 - 240V	150 - 250V	3TX7402-3TY2		10
240 - 400V	—	3TX7402-3UY2		10
400 - 600V	—	3TX7402-3VY2		10

Spares for SICOP and SICONT^{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	700.-	1
3TF33/43 (22A)	■ 3TY7430-0A	980.-	1
3TF34 (32A)	■ 3TY7340-0C	1875.-	1
3TF35 (38A)	■ 3TY7350-0C	2860.-	1
3TF44 (32A)	■ 3TY7440-0A	2070.-	1
3TF45 (38A)	■ 3TY7450-0A	2860.-	1
3TF46 (45A)	■ 3TY7460-0YA	3060.-	1
3TF47 (63A)	■ 3TY7470-0YA	4470.-	1
3TF477 (70A)	■ 3TY7477-0YA	5175.-	1
3TF48 (75A)	■ 3TY7480-0A	5955.-	1
3TF49 (85A)	■ 3TY7490-0A	7985.-	1
3TF50 (110A)	■ 3TY7500-0YA	8700.-	1
3TF51 (140A)	■ 3TY7510-0YA	10945.-	1
3TF52 (170A)	■ 3TY7520-0YA	13755.-	1
3TF53 (205A)	■ 3TY7530-0YA	14685.-	1
3TF54 (250A)	■ 3TY7540-0YA	17655.-	1
3TF55 (300A)	■ 3TY7550-0YA	20760.-	1
3TF56 (400A)	■ 3TY7560-0YA	27470.-	1
3TF57 (475A)	3TY7570-0YA	36605.-	1
3TF68 (630A)	3TY7680-0B [§]	182085.-	1
3TF69 (820A)	3TY7690-0B [§]	292555.-	1

§ Set of 3x vacuum bottles.

Auxiliary contact blocks

For contactor	Description	Type	Unit LP ₹	Std. pkg. (nos.)
3TF46-57	1NO + 1NC (Extd) Right	3TY7561-1E	945.-	1
3TF46 to 3TF57, 3TK5	Built-in, 1NO+1NC Left / Right Add-on, Second 1NO+1NC Left / Right	3TY7561-1AA00-8K 3TY7561-1KA00-8K	735.- 735.-	1 1
3TF46/47/47 7	Special block, DC coil circuit	3TY7461-1F	965.-	1
3TF48-56	Special block, DC coil circuit	3TY7481-1F	965.-	1
3TF57	Special block, DC coil circuit	3TY7681-1G	1095.-	1

DC coils

For contactor	Type [†]	Unit LP ₹		Std. pkg. (nos.)
		For 24/110/220/250V	For all other coil voltages	
3TH3, 3TF30-33/42/43	■ 3TY4803-0B..	855.-	1010.-	1
3TF34/35/44/45	3TY7443-0B..	1285.-	1510.-	1
3TF46/47/477	3TY7463-0D..	3945.-	4165.-	1
3TF48/49	3TY7483-0D..	6750.-	6985.-	1
3TF50/51	3TY7503-0D..	10555.-	11155.-	1
3TF52/53	3TY7523-0D..	16395.-	NA	1

■ Stock items

LP - List Price

SICOP arc chambers

For Contactor	Type	Unit LP ₹	Std. pkg. (nos.)
3TF34	3TY7342-0C	505.-	1
3TF35	3TY7352-0C	540.-	1
3TF46	3TY7462-0YA	1050.-	1
3TF47	3TY7472-0YA	1285.-	1
3TF477	3TY7477-0YD	1545.-	1
3TF48	3TY7482-0A	1860.-	1
3TF49	3TY7492-0A	2140.-	1
3TF50	3TY7502-0YA	2550.-	1
3TF51	3TY7512-0YA	2900.-	1
3TF52	3TY7522-0YA	3185.-	1
3TF53	3TY7532-0YA	3280.-	1
3TF54	3TY7542-0YA	3540.-	1
3TF55	3TY7552-0YA	3640.-	1
3TF56	3TY7562-0YA	4105.-	1
3TF57	3TY7572-0YA	4215.-	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..	625.-	710.-	1
3TF34/35/44/45	■ 3TY7443-0A..	770.-	1000.-	1
3TF46/47/477	■ 3TY7463-0A..	1340.-	1565.-	1
3TF48/49	■ 3TY7483-0A..	2450.-	2680.-	1
3TF50/51, 3TK50	■ 3TY7503-0A..	2495.-	3105.-	1
3TF52/53, 3TK52	■ 3TY7523-0A..	3155.-	3765.-	1
3TF54/55, 3TK54	■ 3TY7543-0A..	3820.-	4430.-	1
3TF56, 3TK56	■ 3TY7563-0A..	5555.-	6765.-	1
3TF57	3TY7573-0C..	16675.-	NA	1
3TF68	3TY7683-0C..	41115.-	NA	1
3TF69	3TY7693-0C..	78125.-	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 3TH30/3TF30/31/32/33

For contactor	Type [†]	Unit LP ₹		Std. pkg. (nos.)
		For 24/110/220/250V	For all other coil voltages	
3TF54/55	3TY7543-0D..	26050.-	NA	1
3TF56	3TY7563-0D..	29300.-	NA	1
3TF57	3TY7573-0D..	33515.-	NA	1
3TF68	3TY7683-0D..	63670.-	NA	1
3TF69	3TY7693-0D..	103990.-	NA	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

Spares for hoisting duty contactors

Spare coils

Spare coils for	Type ¹⁾	Unit LP ₹	Std. pkg. (nos.)
3TF50 00 0A..	3TY7503-0A..0-0H	3540.-	1
3TF52 00 0A..	3TY7523-0A..0-0H	4220.-	1
3TF54 00 0A..	3TY7543-0A..0-0H	5135.-	1
3TF56 00 0A..	3TY7563-0A..0-0H	6795.-	1

¹⁾ Pls. add coil voltage code from table on page no. 36

Spare contact kits

	Type	Unit LP ₹	Std. pkg. (nos.)
3TF50 00 0A..	3TY7500-0ZA	11505.-	1
3TF52 00 0A..	3TY7520-0ZA	14725.-	1
3TF54 00 0A..	3TY7540-0ZA	20415.-	1
3TF56 00 0A..	3TY7560-0ZA	34570.-	1

Connector

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



Range:

Type	MPCB		Contactor		Type of Connector	Unit LP ₹	Std. pkg. (nos.)
	Current Rating	Type	AC3 Current Rating	Type			
3VU13	0.16 to 20A	3TF30/31	9 / 12 A	3TS9001-8K	265.-	1	
3VU13	6 to 25A	3TF32/33	16 / 22A	3TS9002-8K	310.-	1	

Benefits:

- 1) Direct mounting of 3VU 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	5850.-	1
	3TC48	3TY2480-0A	14335.-	1
	3TC52	3TY2520-0A	40660.-	1
	3TC56	3TY2560-0A	80625.-	1
AC coils ¹⁾ (50 Hz)	3TC44	3TY7403-0A..	625.-	1
	3TC48	3TY6483-0A..	7800.-	1
	3TC52	3TY6523-0A..	10510.-	1
	3TC56	3TY6563-0A..	15845.-	1
DC coils ²⁾	3TC44	3TY6443-0B..	10770.-	1
	3TC48	3TY6483-0B..	18365.-	1
	3TC52	3TY6523-0B..	45405.-	1
	3TC56	3TY6563-0B..	63060.-	1
Arc chambers	3TC44	3TY2442-0A	5735.-	1
	3TC48	3TY2482-0A	10410.-	1
	3TC52	3TY2522-0A	16200.-	1
	3TC56	3TY2562-0A	32750.-	1
Auxiliary contacts 1st 1NO + 1NC Left/Right 2nd 1NO + 1NC Left 2nd 1NO + 1NC Right	3TC44/48	3TY6501-1AA00	2655.-	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

Spares for 3TA contactors

Main contact kits for 3TA contactors

1 spare set (for one contactor) comprising	For Contactor		Type	LP per set ₹	Std. pkg (set)
	Type	Rating (AC3)			
6 fixed contacts 3 moving contacts 6 terminal screws 6 terminal washers	3TA67	10 A	3TY1670-0A	1240.-	1
	3TA21	16 A	3TY1210-0A	1380.-	1
	3TA11	22 A	3TY1110-0A	1860.-	1
6 fixed contacts 3 moving contacts 3 flat springs 6 screws 6 washers	3TA22	30 A	3TY1220-0A	2695.-	1
	3TA13	38 A	3TY1130-0A	3590.-	1
	3TA24	70 A	3TY1240-0A	7170.-	1
	3TA16	105 A	3TY1160-0A	11890.-	1

Coils for 3TA contactors

Coil description	For contactor	Type [†]	Unit LP ₹	Std. pkg. (nos.)
AC coils, 50Hz	3TA67/76/21/11	3TY1213-0.	725.-	1
	3TA22/13	3TY1223-0.	1085.-	1
	3TA24/16	3TY1243-0.	2210.-	1
	3TA28/28-Z	3TY1283-0.	4180.-	1

[†] AC coil voltage - Please enter coil codes from table below

Code	B	F	M	U	W
Coil voltage, V (50Hz)	24	110	220	240	415

■ Stock items

Please order in multiples of standard packing.



SIEMENS

Ingenuity for life

3TS Range of contactors

Capacitor duty | Converter duty | 2 Pole

Smart. Easy. Reliable

www.siemens.co.in

3TS Capacitor duty contactors

The 3TS capacitor duty contactor (with **patented** de-latching technology) provides a reliable and economical solution for capacitor switching applications.

Features and Benefits

- De-latching operating principle
- SIGUT Termination technique
- Finger touch proof terminals
- Compact Dimensions
- DIN / Screw mounting
- Reliable switching of capacitor banks
- Ease of wiring (can obviate use of lugs)
- Operator Safety
- Space saving
- Flexible mounting



Capacitor kVAR 415V, 3ph, 50Hz	Built-in aux. contacts	Type®	Unit LP ₹	Std. pkg. (nos.)
7 kVAR	1 NO	3TS1110-0A..5-8K†	2020.-	1
12.5 kVAR	–	3TS1200-0A..5-8K†	2245.-	1
16 kVAR	–	3TS1300-0A..5-8K†	3025.-	1
20 kVAR	–	3TS1400-0A..5-8K†	3405.-	1
25 kVAR	–	3TS1500-0A..5-8K†	3945.-	1
50 kVAR	2 NO + 2 NC	3TS1722-0A..5-8K	12435.-	1

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

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

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

3TS1211-0A..5-8K(12.5kVAR) to 3TS1511-0A..5-8K(25kVAR) with built-in 1NO+1NC contacts available for ordering from 1st Dec 2016 with extra LP of INR 350.-

75kVar Capacitor duty contactor

Capacitor kVAR 415V, 3ph, 50Hz	Coil voltage	Built-in aux. contacts	Type	Unit LP	Std. pkg. (nos.)
75 kVAR	24V, 50HZ	1NO + 1NC	3RT2637-1AB03	18720.-	1
75 kVAR	110V, 50HZ		3RT2637-1AF03		
75 kVAR	230V, 50HZ		3RT2637-1AP03		

Auxiliary contact blocks

For contactor	Description	Type	Unit MRP ₹	Std. pkg. (nos.)
3TS1110-3TS1500	1NO	■ 3TX4010-2A	160.-	10
	1NC	■ 3TX4001-2A	160.-	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

NEW



Contactor Size	Rated current Ie (A) AC1 at 415V	AC Coil			DC Coil		
		Type	Unit LP ₹	Std. pkg. (nos.)	Type®	Unit LP ₹	Std. pkg. (nos.)
3	100	3TS4822-0A..1-8K	7000.-	1	3TS4822-0D..1-8K	11000.-	1
4	145	3TS5022-0A..1-8K	12500.-	1	3TS5022-0D..1-8K	20000.-	1
6	200	3TS5122-0A..1-8K	17000.-	1	3TS5122-0D..1-8K	21000.-	1
6	225	3TS5222-0A..1-8K	19000.-	1	3TS5222-0D..1-8K	22000.-	1
8	275	3TS5322-0A..1-8K	27000.-	1	3TS5322-0D..1-8K	31500.-	1
8	325	3TS5422-0A..1-8K	30000.-	1	3TS5422-0D..1-8K	32000.-	1
10	400	3TS5522-0A..1-8K	33000.-	1	3TS5522-0D..1-8K	38000.-	1
12	525	3TS5622-0A..1-8K	44000.-	1	3TS5622-0D..1-8K	55000.-	1
12	630	3TS5722-0C..1-8K	60000.-	1			

* 3TS converter duty contactors available for ordering from 1st Dec 2016.

for 3TS48-3TF56

	AC Coil (50Hz)		DC Coil
Code	F0	P0	B4
Coil voltage (V)	110	230	24

for 3TS57

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

3TS 2 Pole contactors



NEW

Benefits:

- Ease of wiring (can obviate 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	675.-	1
12	1NO	3TS3110-0A..2-8K	735.-	1
18	1NO	3TS3210-0A..2-8K	800.-	1
25	-	3TS3300-0A..2-8K	1050.-	1
32	-	3TS3400-0A..2-8K	2300.-	1
40	-	3TS3500-0A..2-8K	3400.-	1
50	-	3TS3600-0A..2-8K	4100.-	1
65	2NO+2NC	3TS4722-0A..2-8K	6200.-	1
75	2NO+2NC	3TS4822-0A..2-8K	7000.-	1
85	2NO+2NC	3TS4922-0A..2-8K	8000.-	1
105	2NO+2NC	3TS5022-0A..2-8K	11000.-	1
140	2NO+2NC	3TS5122-0A..2-8K	13500.-	1
160	2NO+2NC	3TS5222-0A..2-8K	17700.-	1
205	2NO+2NC	3TS5322-0A..2-8K	19500.-	1
250	2NO+2NC	3TS5422-0A..2-8K	22000.-	1
300	2NO+2NC	3TS5522-0A..2-8K	27000.-	1
400	2NO+2NC	3TS5622-0A..2-8K	34000.-	1

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

3TS 2 Pole contactors (65A and above) available for ordering from 1st Jan 2017

Spares for 3TS Contactors

Capacitor Duty

Spare coils

Contactors kVAr	Description	Type*	Unit LP ₹	Std. pkg. (nos.)
7 kVAr	AC 50Hz coil	3TY74030A..	625.-	1
12.5 kVAr				
16 kVAr		3TY74430A..	770.-	1
20 kVAr				
25 kVAr				
50 kVAr				

* For coil, refer below table

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

Pre-charge resistor + Contact block kit

Contactors kVAr	Description	Type	Unit LP ₹	Std. pkg. (nos.)
12.5 kVAr	Pre-charge resistor + early making contact block kit + main contacts kit	3TS9762-0SX15-8K	1535.-	1
16 kVAr		3TS9763-0SX15-8K	2285.-	1
20 kVAr		3TS9764-0SX15-8K	2575.-	1
25 kVAr		3TS9765-0SX15-8K	3025.-	1
50 kVAr		3TS9767-0SX15-8K	7785.-	1

Note: Pre-charge resistor + early making contact block kit + main contacts should be replaced simultaneously

Convertor Duty

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

Contactors rating	Description	Type*	Unit LP ₹	Std. pkg. (nos.)
3TS48	Spare main contact kits	3TS9148-01-8K	3500.-	1
3TS50		3TS9150-01-8K	6250.-	1
3TS51		3TS9151-01-8K	8500.-	1
3TS52		3TS9152-01-8K	9500.-	1
3TS53		3TS9153-01-8K	13500.-	1
3TS54		3TS9154-01-8K	15000.-	1
3TS55		3TS9155-01-8K	16500.-	1
3TS56		3TS9156-01-8K	22000.-	1
3TS57		3TS9157-01-8K	30000.-	1

Spare coils

	AC Coil	Unit LP ₹	DC Coil	Unit LP ₹	Std. pkg. (nos.)
3TS48	3TY7463-0A..	1340.-	3TY7463-0D..	3945.-	1
3TS50	3TY7483-0A..	2450.-	3TY7483-0D..	6750.-	1
3TS51/52	3TY7503-0A..	2495.-	3TY7503-0D..	10555.-	1
3TS53/54	3TY7523-0A..	3155.-	3TY7523-0D..	16395.-	1
3TS55	3TY7543-0A..	3820.-	3TY7543-0D..	26050.-	1
3TS56	3TY7563-0A..	5555.-	3TY7563-0D..	29300.-	1
3TS57	3TY7573-0C..	16675.-			1

refer page no. 40 for coil codes

SIEMENS

Ingenuity for life

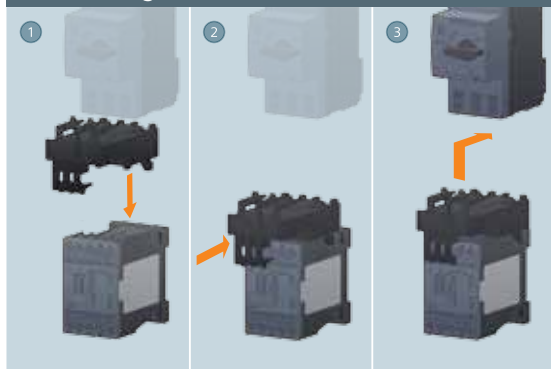
Spring-type terminals

cable
link module
screwdriver

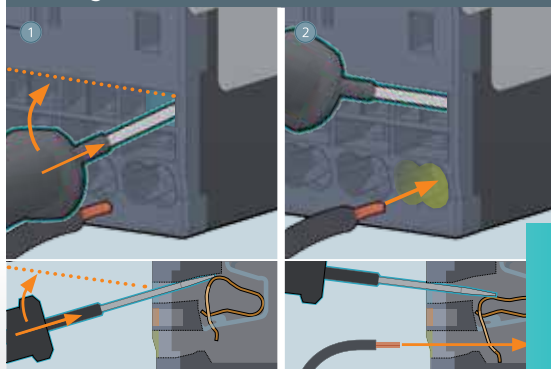
screwdriver

order no. 3RA29 08-1A
length: approx. 200 mm | 3.0 mm x 0.5 mm

Connecting



Wiring



Easy connecting & wiring

Fast assembly thanks to spring-type terminals



Thermal Overload Relays - 3RU



Class 10, Screw Terminals

Size of relay / contactor	Current setting range, A	Type	Unit LP ₹	Std. pkg. (nos.)
S00	0.11 ... 0.16	3RU2116-0AB0	1585.-	1
	0.14 ... 0.2	3RU2116-0BB0		1
	0.18 ... 0.25	3RU2116-0CB0		1
	0.22 ... 0.32	3RU2116-0DB0		1
	0.28 ... 0.4	3RU2116-0EB0		1
	0.35 ... 0.5	3RU2116-0FB0		1
	0.45 ... 0.63	3RU2116-0GB0		1
	0.55 ... 0.8	3RU2116-0HB0		1
	0.7 ... 1	3RU2116-0JB0		1
	0.9 ... 1.25	3RU2116-0KB0		1
	1.1 ... 1.6	3RU2116-1AB0		1
	1.4 ... 2	3RU2116-1BB0		1
	1.8 ... 2.5	3RU2116-1CB0		1
	2.2 ... 3.2	3RU2116-1DB0		1
	2.8 ... 4	3RU2116-1EB0		1
	3.5 ... 5	3RU2116-1FB0		1
	4.5 ... 6.3	3RU2116-1GB0		1
	5.5 ... 8	3RU2116-1HB0		1
7 ... 10	3RU2116-1JB0	1		
9 ... 12.5	3RU2116-1KB0	1		
11 ... 16	3RU2116-4AB0	1		
S0	1.8 ... 2.5	3RU2126-1CB0	1790.-	1
	2.2 ... 3.2	3RU2126-1DB0	1790.-	1
	2.8 ... 4	3RU2126-1EB0	1790.-	1
	3.5 ... 5	3RU2126-1FB0	1790.-	1
	4.5 ... 6.3	3RU2126-1GB0	1790.-	1
	5.5 ... 8	3RU2126-1HB0	1790.-	1
	7 ... 10	3RU2126-1JB0	1805.-	1
	9 ... 12.5	3RU2126-1KB0	1805.-	1
	11 ... 16	3RU2126-4AB0	1905.-	1
	14 ... 20	3RU2126-4BB0	1905.-	1
	17 ... 22	3RU2126-4CB0	1905.-	1
	20 ... 25	3RU2126-4DB0	1905.-	1
	23 ... 28	3RU2126-4NB0	3285.-	1
	27 ... 32	3RU2126-4EB0	3285.-	1
30 ... 36	3RU2126-4PB0	3285.-	1	
34 ... 40	3RU2126-4FB0	3285.-	1	

Size of relay / contactor	Current setting range, A	Type	Unit LP ₹	Std. pkg. (nos.)
S2	11 ... 16	3RU2136-4AB0	3370.-	1
	14 ... 20	3RU2136-4BB0	3370.-	1
	18 ... 25	3RU2136-4DB0	3370.-	1
	22 ... 32	3RU2136-4EB0	3370.-	1
	28 ... 40	3RU2136-4FB0	3370.-	1
	36 ... 45	3RU2136-4GB0	4040.-	1
	40 ... 50	3RU2136-4HB0	4040.-	1
	47 ... 57	3RU2136-4QB0	5555.-	1
	54 ... 65	3RU2136-4JB0	5555.-	1
	62 ... 73	3RU2136-4KB0	5555.-	1
	70 ... 80	3RU2136-4RB0	5785.-	1
	S3	28 ... 40	3RU1146-4FB0	5335.-
36 ... 50		3RU1146-4HB0	5335.-	1
45 ... 63		3RU1146-4JB0	5670.-	1
57 ... 75		3RU1146-4KB0	5670.-	1
70 ... 90		3RU1146-4LB0	5905.-	1
80 ... 100		3RU1146-4MB0	7735.-	1



* To order overload relays with spring-type terminals replace 10th digit from 'B' to 'C' 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	280.-	1
S0*	3RU21, 3RB30/31, 3RR21/22/24	3RU2926-3AA01	330.-	1
S2	3RU21, 3RB30/31, 3RR21/22/24	3RU2936-3AA01	585.-	1
S3	3RU1	3RU1946-3AA01	585.-	1



* To order terminal supports for overload relays with spring-type terminals replace 10th digit from 'A' to 'C' for S00, S0 only

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	7175.-	1
	55	90 - 125	3RU2156-5CB10-8K		1
	75	110 - 160	3RU2156-5DB10-8K		1
	110	140 - 200	3RU2156-5EB10-8K	6785.-	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	10255.-	1
	132	180 - 250	3RU2166-5FB10-8K		1
	160	220 - 320	3RU2166-5GB10-8K		1
S12	200	280 - 400	3RU2176-5HB10-8K	13300.-	1
	250	350 - 500	3RU2176-5JB10-8K		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	13300.-	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
S10	55	90 - 125	3RU2356-5CW10-8K [§]	13300.-	1
	75	110 - 160	3RU2366-5DB10-8K		1
	110	140 - 200	3RU2366-5EB10-8K		1
S12	132	180 - 250	3RU2376-5FB10-8K	13300.-	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

Microprocessor based overload relay - 3RB

Size	Current setting range A	3RB (Class 10)		3RB (Class 20)		3RB (Class 5 to 30 – Settable)		Std. pkg. (nos.)
		With overload, phase failure and phase unbalance protections	Unit LP ₹	With overload, phase failure and phase unbalance protections	Unit LP ₹	With overload, phase failure and phase unbalance and earth fault protection	Unit LP ₹	
		Type*		Type*		Type*		
S00	0.1 ... 0.4	3RB3016-1RB0	3565.-	3RB3016-2RB0	4460.-	3RB3113-4RB0	7320.-	1
	0.32 ... 1.25	3RB3016-1NB0	3565.-	3RB3016-2NB0	4460.-	3RB3113-4NB0	7320.-	1
	1 ... 4	3RB3016-1PB0	3565.-	3RB3016-2PB0	4460.-	3RB3113-4PB0	7320.-	1
	3 ... 12	3RB3016-1SB0	3565.-	3RB3016-2SB0	4460.-	3RB3113-4SB0	7320.-	1
	4 ... 16	3RB3016-1TB0	3565.-	3RB3016-2TB0	4460.-	3RB3113-4TB0	7320.-	1
S0	0.1 ... 0.4	3RB3026-1RB0	4080.-	3RB3026-2RB0	5090.-	3RB3123-4RB0	7655.-	1
	0.32 ... 1.25	3RB3026-1NB0	4080.-	3RB3026-2NB0	5090.-	3RB3123-4NB0	7655.-	1
	1 ... 4	3RB3026-1PB0	4080.-	3RB3026-2PB0	5090.-	3RB3123-4PB0	7655.-	1
	3 ... 12	3RB3026-1SB0	4080.-	3RB3026-2SB0	5090.-	3RB3123-4SB0	7655.-	1
	6 ... 25	3RB3026-1QB0	4080.-	3RB3026-2QB0	5090.-	3RB3123-4QB0	7655.-	1
10 ... 40	3RB3026-1VB0	4235.-	3RB3026-2VB0	5090.-	3RB3123-4VB0	7655.-	1	
S2	12.5 to 50	3RB3036-1UB0 [®]	6245.-	3RB3036-2UB0 [®]	7790.-	3RB3133-4UB0 [®]	10000.-	1
	20 ... 80	3RB3036-1WB0 [®]	9410.-	3RB3036-2WB0 [®]	11770.-	3RB3133-4WB0 [®]	13035.-	1
	12.5 to 50	3RB3036-1UW1 [#]	6245.-	3RB3036-2UW1 [#]	7790.-	3RB3133-4UW1 [#]	10000.-	1
	20 ... 80	3RB3036-1WW1 [#]	9410.-	3RB3036-2WW1 [#]	11770.-	3RB3133-4WW1 [#]	13035.-	1
S3	12.5 to 50	3RB2046-1UB0 [®]	7400.-	3RB2046-2UB0 [®]	9260.-	3RB2143-4UB0 [®]	13300.-	1
	25 to 100	3RB2046-1EB0 [®]	9145.-	3RB2046-2EB0 [®]	12010.-	3RB2143-4EB0 [®]	13300.-	1
	25 to 100	3RB2046-1EW1 [#]	9605.-	3RB2046-2EW1 [#]	12010.-	3RB2143-4EW1 [#]	13425.-	1
S6	50 to 200	3RB2056-1FC2 [®]	12290.-	3RB2056-2FC2 [®]	15370.-	3RB2153-4FC2 [®]	18390.-	1
S6	50 to 200	3RB2056-1FW2 [§]	12290.-	3RB2056-2FW2 [§]	15370.-	3RB2153-4FW2 [§]	18390.-	1
S10/12	55 to 250	3RB2066-1GC2 [®]	13410.-	3RB2066-2GC2 [®]	18670.-	3RB2163-4GC2 [®]	18760.-	1
S10/12	160 to 630	3RB2066-1MC2 [®]	23865.-	3RB2066-2MC2 [®]	29830.-	3RB2163-4MC2 [®]	30905.-	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.

Microprocessor based overload relay - 3RB22 / 3RB23

<p>0.3 – 3 A 2.4 – 25 A</p>	<p>10 – 100 A</p>	<p>20 – 200 A</p>	<p>63 – 630 A</p>	<p>+</p> <p>+</p>	<ul style="list-style-type: none"> • Overload Protection • Trip Class 5 to 30 settable • Thermister motor protection • Phase failure protection • Phase unbalance protection • Large setting range (1:10) • Overload warning • LED indication 	<ul style="list-style-type: none"> - Analog Output (4-20mA) - Internal earth fault protection - Ground fault signaling - Overload warning
<p>Current Measuring Module</p>	<p>Connecting Cable</p> <p>- 0.1 mtr. - 0.5 mtr.</p>		<p>Evaluation Module</p>	<p>Functional Module (Optional)</p>		

Evaluation modules (Suitable with all current measuring modules)

Description	Type	Unit LP ₹	Std. pkg. (nos.)
3RB22 with monostable output	3RB2283-4AA1	14510.-	1
3RB23 with bistable output	3RB2383-4AA1	20895.-	1
3RB24 with monostable output	3RB2483-4AA1	19510.-	1

Connecting cable (For connection between evaluation module and current measuring module)

Description	Type	Unit LP ₹	Std. pkg. (nos.)
Length 0.1 m (S00...S3)	3RB2987-2B	770.-	1
Length 0.5 m (S00...S12)	3RB2987-2D	1070.-	1

Current measuring modules

Size	Current range	Type	Unit LP ₹	Std. pkg. (nos.)
S00/S0	0.3 to 3A 2.4 to 25A	3RB2906-2BG1	8485.-	1
		3RB2906-2DG1	8955.-	1
S2/S3	10 to 100A	3RB2906-2JG1	9890.-	1
S6	20 to 200A	3RB2956-2TG2	19335.-	1
S10/12	63 to 630A	3RB2966-2WH2	22320.-	1

Function modules (optional)

Description	Type	Unit LP ₹	Std. pkg. (nos.)
Overload warning + Analog output	3RB29852AA0	5345.-	1
Internal earth fault protection + Overload warning + Analog output	3RB2985-2AA1	8565.-	1
Internal earth fault (protection + signalling) + Analog output	3RB2985-2AB1		
Internal earth fault protection + Overload warning	3RB2985-2CA1	1635.-	1
Internal earth fault (protection + signalling)	3RB2985-2CB1		

Accessories for 3RB20 and 3RB21

Description	For size	Type	Unit LP ₹	Std. pkg. (nos.)
Resetting plunger with funnel	S0 - S12	3RU1900-1A	600.-	1
Reset cord with holder - 400mm 600mm	S0 - S12	3RU1900-1B 3RU1900-1C	1705.-	1

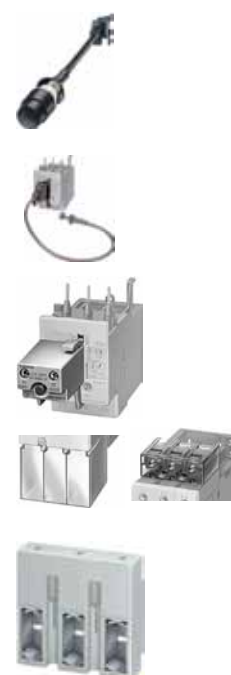
Accessories for 3RU2 Thermal overload relays and 3RB3 solid state overload relays

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, S2, S6-S12	√	x	3RU2900-1A	590.-	1
	Push button with extended stroke		√	√	3SB3000-0EA11	1780.-	1
	Extension plungers		√	√	3SX1335	345.-	1
	Resetting plungers, holders & formers		x	√	3RB3980-0A	295.-	1
Cable releases with holder for RESET	Length 400mm	S00, S0, S2, S6-S12	√	x	3RU2900-1B	1680.-	1
	Length 600mm		√	x	3RU2900-1C	1680.-	1
	Length 400mm		x	√	3RB3980-0B	2845.-	1
	Length 600mm		x	√	3RB3980-0C	2845.-	
Module for remote reset, electrical	24 ... 30 V AC/DC	S00, S0, S2, S6-S12	√	x	3RU1900-2AB71	2130.-	1
	110 ... 127 V AC/DC		√	x	3RU1900-2AF71	2130.-	
	220 ... 250 V AC/DC		√	x	3RU1900-2AM71	2130.-	
Sealable covers for covering the setting knob	For 3RB30/3RB31	S00, S0, S2, S6-S12	x	√	3RB3984-0	1355.-	1
Covers for busbar connections	Length 100mm	S6	√	-	3RT1956-4EA1	1195.-	1
	Length 120mm	S10, S12	√	-	3RT1966-4EA1	1575.-	1
Terminal cover	Length 20.6mm	S2	√	-	3RT2936-4EA2	160.-	1



Accessories for 3RU1 Thermal overload relays

Accessory Type	Version	Size for 3RU	Type	Unit LP ₹	Std. pkg. (nos.)
Mechanical Reset	Resetting plungers, holders & formers	S00-S3	3RU1900-1A	600.-	1
	Pushbuttons with extended stroke		3SB3000-0EA11	1780.-	1
	Extension plungers		3SX1335	345.-	1
Cable releases with holder for RESET	Length 400mm	S00-S3	3RU1900-1B	1705.-	1
	Length 600mm		3RU1900-1C	1705.-	
Module for remote RESET, electrical	24-30V AC/DC	S00-S3	3RU1900-2AB71	2130.-	1
	110-127V AC/DC		3RU1900-2AF71	2130.-	
	220-250V AC/DC		3RU1900-2AM71	2130.-	
Terminal covers	For cable lugs & busbar connection				
	Length 55mm	S3	3RT1946-4EA1	620.-	1
	For box terminals				
	Length 20.6mm	S2	3RT1936-4EA2	450.-	1
	Length 20.8mm	S3	3RT1946-4EA2	450.-	1



Thermal overload relays - 3UA / 3UC

Bimetal relay	Current type of mounting	Current setting range A	Type	Unit MRP ₹	Std. pkg. (nos.)				
3UA50	Contactor® mounting (3TF30/31)	0.1 – 0.16	3UA5000-0A	1565.-	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			1575.-	1		
		2 – 3.2	■ 3UA5000-1D						
2.5 – 4	■ 3UA5000-1E								
3.2 – 5	■ 3UA5000-1F								
4 – 6.3	■ 3UA5000-1G	1585.-	1						
5 – 8	■ 3UA5000-1H								
6.3 – 10	■ 3UA5000-1J								
8 – 12.5	■ 3UA5000-1K	1	1						
10 – 14.5	■ 3UA5000-2S								
3UA52	Contactor® mounting (3TF32/33)	1 – 1.6	3UA5200-1A	1780.-	1				
		1.25 – 2	3UA5200-1B						
		1.6 – 2.5	3UA5200-1C						
		2 – 3.2	3UA5200-1D						
		2.5 – 4	3UA5200-1E						
		3.2 – 5	3UA5200-1F						
		4 – 6.3	■ 3UA5200-1G			1630.-	1		
		5 – 8	■ 3UA5200-1H						
		6.3 – 10	■ 3UA5200-1J						
		8 – 12.5	■ 3UA5200-1K			1810.-	1		
10 – 16	■ 3UA5200-2A								
12.5 – 20	■ 3UA5200-2B								
16 – 25	■ 3UA5200-2C								
3UA55	Contactor® mounting (3TF34/35, 44/45)	10 – 16	■ 3UA5500-2A	2775.-	1				
		12.5 – 20	■ 3UA5500-2B						
		16 – 25	■ 3UA5500-2C						
		20 – 32	■ 3UA5500-2D						
		25 – 36	■ 3UA5500-2Q			2890.-	1		
		32 – 40	■ 3UA5500-2R						
		36 – 45	■ 3UA5500-8M						
		3UA58-Z1	Contactor® mounting (3TF46, 3TF47, 3TF48, 3TF49)			16 – 25	3UA5800-2CZ1	4960.-	1
						20 – 32	3UA5800-2DZ1		
25 – 40	3UA5800-2EZ1								
32 – 50	■ 3UA5800-2FZ1			4235.-	1				
40 – 57	■ 3UA5800-2TZ1								
50 – 63	■ 3UA5800-2PZ1			4960.-	1				
57 – 70	■ 3UA5800-2VZ1								
63 – 80	■ 3UA5800-2UZ1								
70 – 95	■ 3UA5800-8YZ1								
3UA58-Z2	Contactor® mounting (3TF47 7)	16 – 25	3UA5800-2CZ2	4960.-	1				
		20 – 32	3UA5800-2DZ2						
		25 – 40	3UA5800-2EZ2						
		32 – 50	■ 3UA5800-2FZ2			4255.-	1		
		40 – 57	■ 3UA5800-2TZ2						
		50 – 63	■ 3UA5800-2PZ2			4985.-	1		
		57 – 70	■ 3UA5800-2VZ2						
		63 – 80	■ 3UA5800-2UZ2						
		3UA58 30	Contactor® mounting (3TF50)			70 – 95	■ 3UA5830-5B	5470.-	1
						85 – 105	■ 3UA5830-5C		
95 – 120	■ 3UA5830-5D								
3UA62	Independent mounting	85 – 135	■ 3UA6230-5A	7650.-	1				
		115 – 180	■ 3UA6230-5B						
		160 – 250	■ 3UA6230-5C	11185.-	1				
		200 – 320	■ 3UA6230-5D						
250 – 400	■ 3UA6230-5E	1	1						
320 – 500	3UA6830-5F			14460.-	1				
400 – 630	3UA6830-5G								

© Can be converted to independent mounting using accessory.

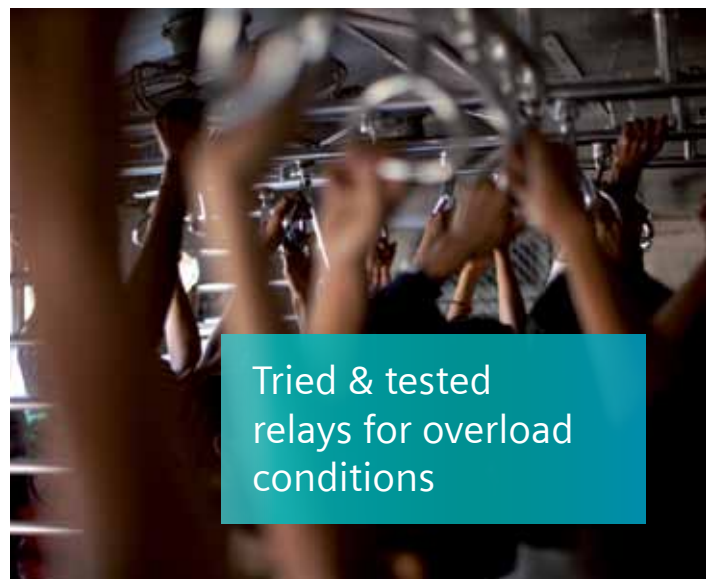
Relays for heavy starting applications, independent mounting

Current setting range A	Type	Unit LP ₹	Current setting range A	Type	Unit LP ₹	Std. pkg. (nos.)
2.5 – 4	3UC5030-5E	14195.-	40 – 63	3UC5830-5G	14195.-	1
4 – 6.3	3UC5030-5G		63 – 100	3UC6230-5J		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	250.-	1	
	3UA52	■ 3UX1420	300.-	1	
	3UA55	■ 3UX1425	350.-	1	
	3UA58	■ 3UX1421	415.-	1	
	3UA58 30	■ 3UX1421-OXA	520.-	1	
Resetting plunger funnel	3UA5/6, 3UC5/6	3UX1011 3UX1013	165.-	10 10	
Reset cord + holder: 400 mm length 600 mm length	3UA5/6, 3UC5/6	3UX1015	225.-	5	
		3UX1016		5	
Protection cover	3UA58/3UA58 30 Other 3UA5/6	3UX11101YA 3UX11111YA	170.-	10 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	135.-	10 10 10



■ Stock items



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	3515.-	3RV2111-0AA10	4445.-	3RV2311-0AC10	3380.-	3RV2411-0AA10	5870.-
	0.2	0.14...0.2	3RV2011-0BA10	3515.-	3RV2111-0BA10	4445.-	3RV2311-0BC10	3380.-	3RV2411-0BA10	5870.-
	0.25	0.18...0.25	3RV2011-0CA10	3515.-	3RV2111-0CA10	4445.-	3RV2311-0CC10	3380.-	3RV2411-0CA10	5870.-
	0.32	0.22...0.32	3RV2011-0DA10	3515.-	3RV2111-0DA10	4445.-	3RV2311-0DC10	3380.-	3RV2411-0DA10	5870.-
	0.4	0.28...0.4	3RV2011-0EA10	3515.-	3RV2111-0EA10	4445.-	3RV2311-0EC10	3380.-	3RV2411-0EA10	5870.-
	0.5	0.35...0.5	3RV2011-0FA10	4060.-	3RV2111-0FA10	5130.-	3RV2311-0FC10	3890.-	3RV2411-0FA10	5870.-
	0.63	0.45...0.63	3RV2011-0GA10	4060.-	3RV2111-0GA10	5130.-	3RV2311-0GC10	3890.-	3RV2411-0GA10	5870.-
	0.8	0.55...0.8	3RV2011-0HA10	4060.-	3RV2111-0HA10	5130.-	3RV2311-0HC10	3890.-	3RV2411-0HA10	5870.-
	1	0.7...1	3RV2011-0JA10	4060.-	3RV2111-0JA10	5130.-	3RV2311-0JC10	3890.-	3RV2411-0JA10	6215.-
	1.25	0.9...1.25	3RV2011-0KA10	4060.-	3RV2111-0KA10	5130.-	3RV2311-0KC10	3890.-	3RV2411-0KA10	6215.-
	1.6	1.1...1.6	3RV2011-1AA10	4060.-	3RV2111-1AA10	5130.-	3RV2311-1AC10	3890.-	3RV2411-1AA10	6215.-
	2	1.4...2	3RV2011-1BA10	4060.-	3RV2111-1BA10	5130.-	3RV2311-1BC10	3890.-	3RV2411-1BA10	6215.-
	2.5	1.8...2.5	3RV2011-1CA10	4060.-	3RV2111-1CA10	5130.-	3RV2311-1CC10	3890.-	3RV2411-1CA10	6215.-
	3.2	2.2...3.2	3RV2011-1DA10	4220.-	3RV2111-1DA10	5325.-	3RV2311-1DC10	4040.-	3RV2411-1DA10	6215.-
	4	2.8...4	3RV2011-1EA10	4220.-	3RV2111-1EA10	5325.-	3RV2311-1EC10	4040.-	3RV2411-1EA10	6215.-
	5	3.5...5	3RV2011-1FA10	4220.-	3RV2111-1FA10	5325.-	3RV2311-1FC10	4040.-	3RV2411-1FA10	6215.-
6.3	4.5...6.3	3RV2011-1GA10	4220.-	3RV2111-1GA10	5325.-	3RV2311-1GC10	4040.-	3RV2411-1GA10	6215.-	
8	5.5...8	3RV2011-1HA10	4520.-	3RV2111-1HA10	5710.-	3RV2311-1HC10	4330.-	3RV2411-1HA10	6215.-	
10	7...10	3RV2011-1JA10	4520.-	3RV2111-1JA10	5710.-	3RV2311-1JC10	4330.-	3RV2411-1JA10	6865.-	
12.5	9...12.5	3RV2011-1KA10	4825.-	3RV2111-1KA10	6095.-	3RV2311-1KC10	4635.-	3RV2411-1KA10	6865.-	
16	10...16	3RV2011-4AA10	5625.-	3RV2111-4AA10	6855.-	3RV2311-4AC10	5220.-	3RV2411-4AA10	6865.-	
S0	16	10 ... 16	3RV2021-4AA10	5725.-	3RV2121-4AA10	6980.-	3RV2321-4AC10	5320.-	3RV2421-4AA10	6980.-
	20	13 ... 20	3RV2021-4BA10	6275.-	3RV2121-4BA10	7795.-	3RV2321-4BC10	6115.-	3RV2421-4BA10	7340.-
	22	16 ... 22	3RV2021-4CA10	6275.-	3RV2121-4CA10	7795.-	3RV2321-4CC10	6115.-	3RV2421-4CA10	12190.-
	25	18 ... 25	3RV2021-4DA10	6275.-	3RV2121-4DA10	7795.-	3RV2321-4DC10	6115.-	3RV2421-4DA10	13625.-
	28	23 ... 28	3RV2021-4NA10	10580.-	3RV2121-4NA10	17510.-	3RV2321-4NC10	10185.-	-	-
	32	27 ... 32	3RV2021-4EA10	10580.-	3RV2121-4EA10	17510.-	3RV2321-4EC10	10185.-	-	-
	36	30 ... 36	3RV2021-4PA10	12095.-	-	-	3RV2321-4PC10	11760.-	-	-
40	34 ... 40	3RV2021-4FA10	12095.-	-	-	3RV2321-4FC10	11760.-	-	-	
S2	25	18 ... 25	3RV2031-4DA10	11375.-	3RV2131-4DA10	18025.-	3RV2331-4DC10	10490.-	3RV2431-4DA10	14030.-
	32	22 ... 32	3RV2031-4EA10	11375.-	3RV2131-4EA10	18025.-	3RV2331-4EC10	10490.-	3RV2431-4EA10	16900.-
	36	28 ... 36	3RV2031-4PA10	12525.-	3RV2131-4PA10	19855.-	3RV2331-4PC10	11670.-	3RV2431-4PA10	18655.-
	40	32 ... 40	3RV2031-4UA10	12525.-	3RV2131-4UA10	19855.-	3RV2331-4UC10	11670.-	3RV2431-4UA10	18655.-
	45	35 ... 45	3RV2031-4VA10	15300.-	3RV2131-4VA10	20855.-	3RV2331-4VC10	14455.-	3RV2431-4VA10	19000.-
	52	42 ... 52	3RV2031-4WA10	15300.-	3RV2131-4WA10	20855.-	3RV2331-4WC10	14455.-	3RV2431-4WA10	19000.-
	59	49 ... 59	3RV2031-4XA10	15785.-	3RV2131-4XA10	22255.-	3RV2331-4XC10	14580.-	3RV2431-4XA10	19700.-
	65	54 ... 65	3RV2031-4JA10	15785.-	3RV2131-4JA10	22255.-	3RV2331-4JC10	14580.-	3RV2431-4JA10	19700.-
	73	62 ... 73	3RV2031-4KA10	16570.-	3RV2131-4KA10	23370.-	3RV2331-4KC10	15315.-	-	-
80	70 ... 80	3RV2031-4RA10	16570.-	3RV2131-4RA10	23370.-	3RV2331-4RC10	15315.-	-	-	
S3	50	36 ... 50	3RV1041-4HA10	16105.-	3RV1142-4HA10	21940.-	3RV1341-4HC10	14875.-	-	-
	63	45 ... 63	3RV1041-4JA10	16105.-	3RV1142-4JA10	21940.-	3RV1341-4JC10	14875.-	-	-
	75	57 ... 75	3RV1041-4KA10	16910.-	3RV1142-4KA10	23040.-	3RV1341-4KC10	15625.-	-	-
	90	70 ... 90	3RV1041-4LA10	16910.-	3RV1142-4LA10	23040.-	3RV1341-4LC10	15625.-	-	-
	100	80 ... 100	3RV1041-4MA10	16910.-	3RV1142-4MA10	23040.-	3RV1341-4MC10	15625.-	-	-

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	14622.-	-	-	3RV2332-4DC10	12588.-
	32	22 ... 32	3RV2032-4EA10	15834.-	-	-	3RV2332-4EC10	12588.-
	36	28 ... 36	3RV2032-4PA10	17046.-	-	-	3RV2332-4PC10	14004.-
	40	32 ... 40	3RV2032-4UA10	18444.-	-	-	3RV2332-4UC10	17346.-
	45	35 ... 45	3RV2032-4VA10	20304.-	-	-	3RV2332-4VC10	17346.-
	52	42 ... 52	3RV2032-4WA10	20682.-	-	-	3RV2332-4WC10	17496.-
	59	49 ... 59	3RV2032-4XA10	20868.-	-	-	3RV2332-4XC10	17496.-
	65	54 ... 65	3RV2032-4JA10	20868.-	-	-	3RV2332-4JC10	17496.-
S3	73	62 ... 73	3RV2032-4KA10	23472.-	-	-	3RV2332-4KC10	18378.-
	80	70 ... 80	3RV2032-4RA10	24966.-	-	-	3RV2332-4RC10	18378.-
	16	11 ... 16	3RV1042-4AA10	15980.-	3RV1142-4AA10	20770.-	3RV1342-4AC10	19170.-
	20	14 ... 20	3RV1042-4BA10	15980.-	3RV1142-4BA10	20770.-	3RV1342-4BC10	19170.-
	25	18 ... 25	3RV1042-4DA10	15980.-	3RV1142-4DA10	20770.-	3RV1342-4DC10	19170.-
	32	22 ... 32	3RV1042-4EA10	15980.-	3RV1142-4EA10	20770.-	3RV1342-4EC10	19170.-
	40	28 ... 40	3RV1042-4FA10	16775.-	3RV1142-4FA10	20770.-	3RV1342-4FC10	19170.-
	50	36 ... 50	3RV1042-4HA10	16775.-	3RV1142-4HA10	21940.-	3RV1342-4HC10	20345.-
	63	45 ... 63	3RV1042-4JA10	16775.-	3RV1142-4JA10	21940.-	3RV1342-4JC10	20345.-
	75	57 ... 75	3RV1042-4KA10	21815.-	3RV1142-4KA10	23040.-	3RV1342-4KC10	21355.-
90	70 ... 90	3RV1042-4LA10	21815.-	3RV1142-4LA10	23040.-	3RV1342-4LC10	21355.-	
100	80 ... 100	3RV1042-4MA10	21815.-	3RV1142-4MA10	23040.-	3RV1342-4MC10	21355.-	

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	13975.-	1
	17	12 ... 17	260	65	3RV2031-4TB10	13975.-	1
	20	14 ... 20	260	65	3RV2031-4BB10	13975.-	1
	25	18 ... 25	325	65	3RV2031-4DB10	15445.-	1
	32	22 ... 32	416	65	3RV2031-4EB10	16535.-	1
	36	28 ... 36	520	65	3RV2031-4PB10	17390.-	1
	40	32 ... 40	585	65	3RV2031-4UB10	18320.-	1
	45	35 ... 45	650	65	3RV2031-4VB10	20025.-	1
	52	42 ... 52	741	65	3RV2031-4WB10	20340.-	1
	59	49 ... 59	845	65	3RV2031-4XB10	20570.-	1
S3	65	54 ... 65	845	65	3RV2031-4JB10	20570.-	1
	40	28 ... 40	520	100	3RV1042-4FB10	21815.-	1
	50	36 ... 50	650	100	3RV1042-4HB10	21815.-	1
	63	45 ... 63	819	100	3RV1042-4JB10	21815.-	1
	75	57 ... 75	975	100	3RV1042-4KB10	21815.-	1
	90	70 ... 90	1170	100	3RV1042-4LB10	21815.-	1
100	80 ... 100	1235	100	3RV1042-4MB10	21815.-	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.



Widest range of Motor
Protection Circuit Breakers

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 ... S2	3RV2901-1D#	575.-	1
	1 NO + 1 NC	S00 ... S2	3RV2901-1E	695.-	1
	2NO	S00 ... S2	3RV2901-1F	695.-	1
Transverse auxiliary switch for operation in dusty atmospheres and in solid-state circuits with low operating currents	1 CO	S00 ... S2	3RV2901-1G#	2275.-	1
Covers for transverse auxiliary switches		S00 ... S2	3RV2901-0H	335.-	10
Lateral auxiliary switches with screw terminals mountable on the left	1 NO + 1 NC	S00 ... S2	3RV2901-1A	765.-	1
	2 NO		3RV2901-1B	765.-	1
	2 NC		3RV2901-1C	765.-	1
	2 NO + 2 NC		3RV2901-1J#	1305.-	1
Signaling switches (Alarm contacts)	Separate tripped and short-circuit alarms, 1 NO + 1 NC each	S00 ... S2	3RV2921-1M	1395.-	1
Isolator modules (for isolating individual MPCB)	Lockable in disconnected position	S00, S0	3RV2928-1A#	3000.-	1
		S2 (Up to 65A only)	3RV2938-1A#	3600.-	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....S2	3RV2902-1AB4#	5500.-	1
	110 V AC 50Hz / 120 V AC 60Hz	S00....S2	3RV2902-1AF0#	2040.-	1
	230 V AC 50Hz / 240 V AC 60Hz	S00....S2	3RV2902-1AP0	2040.-	1
	400 V AC 50Hz / 440 V AC 60Hz	S00....S2	3RV2902-1AV0	2040.-	1
Shunt trip units, Screw terminals	20...24V 50/60 Hz (100% ON period)	S00....S2	3RV2902-1DB0	2040.-	1
	20...70V 50/60Hz, DC (5s ON period)				
	90...110V 50/60 Hz (100% ON period)	S00....S2	3RV2902-1DF0	2040.-	1
	70...190V 50/60Hz, DC (5s ON period)				
	210...240V 50/60 Hz (100% ON period)	S00....S2	3RV2902-1DP0	2040.-	1
	190...330V 50/60Hz, DC (5s ON period)				
	350...415V 50/60 Hz (100% ON period)	S00....S2	3RV2902-1DV0#	2040.-	1
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'

Accessories for 3RV1

Mountable accessories

Type of accessory	Version	For MPCB size	Type*	Unit LP ₹	Std. pkg. (nos.)
Transverse auxiliary switches With screw terminals, mountable on front	1CO	S00 ... S3	3RV1901-1D#	575.-	1
	1 NO + 1 NC	S00 ... S3	3RV1901-1E	695.-	1
	2NO	S00 ... S3	3RV1901-1F	695.-	1
Transverse auxiliary switch for operation in dusty atmospheres and in solid-state circuits with low operating currents	1 CO	S00 ... S3	3RV1901-1G#	2405.-	1
Covers for transverse auxiliary switches		S00 ... S3	3RV1901-0H	330.-	10
Lateral auxiliary switches with screw terminals mountable on the left	1 NO + 1 NC	S00 ... S3	3RV1901-1A	765.-	1
	2 NO		3RV1901-1B	765.-	1
	2 NC		3RV1901-1C	765.-	1
	2 NO + 2 NC		3RV1901-1J#	1305.-	1
Signaling switches (Alarm contacts)®	Separate tripped and short-circuit alarms, 1 NO + 1 NC each	S0, S2, S3	3RV1921-1M#	1775.-	1
Isolator modules (for isolating individual MPCB)	Lockable in disconnected position	S2	3RV1938-1A#	4780.-	1

Spring type terminals are not available for this accessory

* 3RV19: For ordering with spring type terminals, please replace 8th digit from '1' to '2'

® One signaling switch can be mounted on the left per MPCB.

Accessories for 3RV1

Mountable accessories

Type of accessory	Version	For MPCB size	Type®	Unit LP ₹	Std. pkg. (nos.)
Undervoltage trip units, Screw terminals	24 V DC	S3	3RV1902-1AB4	6525.-	1
	110 V AC 50Hz / 120 V AC 60Hz	S3	3RV1902-1AF0	2040.-	1
	230 V AC 50Hz / 240 V AC 60Hz	S3	3RV1902-1AP0	2040.-	1
	400 V AC 50Hz / 440 V AC 60Hz	S3	3RV1902-1AV0	2040.-	1
Shunt trip units, Screw terminals	20...24V 50/60 Hz (100% ON period)	S3	3RV1902-1DB0	2040.-	1
	20...70V 50/60Hz, DC (5s ON period)				
	90...110V 50/60 Hz (100% ON period)	S3	3RV1902-1DF0	2040.-	1
	70...190V 50/60Hz, DC (5s ON period)				
	210...240V 50/60 Hz (100% ON period)	S3	3RV1902-1DP0	2040.-	1
	190...330V 50/60Hz, DC (5s ON period)				
	350...415V 50/60 Hz (100% ON period)	S3	3RV1902-1DV0	2040.-	1
	330...500V 50/60Hz, DC (5s ON period)				

@ One auxiliary release can be mounted on the right per motor starter protector (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	15.-	(1 pack = 10 pcs)
Push-in lugs		For 3RV2: S00,S0	3RV2928-0B		(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	S0	3RV1923-1FA00	1345.-	1
		82 mm	S2	3RV1933-1GA00	4380.-	1

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	S0	3RV19261B-Z®	2200.-	1
	S2	3RV19361B-Z®	2430.-	1
	S3	3RV19461B-Z®	3195.-	1
Front drive – fixed coupler (available as spare)	S0, S2, S3	8UC626	790.-#	1

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

MRP

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	1040.-	1
		2 x (2.5 ... 50) ²⁾	2 x (2.5 ... 35) ²⁾	2 x (10.. 1/0) ²⁾	3RV2 S2	3RV2935-5A	1170.-	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	1170.-	1
connection from bottom*	2.5...25	4...16	12 ... 4	3RV1 S00, S0	3RV1915-5B	1170.-	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	885.-	1
		3	-	-		S00, S0	3RV1915-1BB	885.-	1
		4	-	-		S00, S0	3RV1915-1CB	1260.-	1
		5	-	-		S00, S0	3RV1915-1DB	1420.-	1
	55 ⁴⁾	-	2	-		S00, S0	3RV1915-2AB	845.-	1
		-	3	-		S00, S0	3RV1915-2BB	885.-	1
		-	4	-		S00, S0	3RV1915-2CB	1205.-	1
		-	5	-		S00, S0	3RV1915-2DB	1420.-	1
	63 ⁵⁾	2			108	S2	3RV1935-1A	1305.-	1
		3					3RV1935-1B	1635.-	1
		4					3RV1935-1C	2000.-	1
	63 ⁵⁾	-	-	2	63	S00, S0	3RV1915-3AB	1095.-	1
		-	-	4			S00, S0	3RV1915-3CB	1425.-
	75 ⁵⁾	-	2	2	108	S2	3RV1935-3A	2000.-	1
		-	3	3			3RV1935-3B	1855.-	1
		-	4	4			3RV1935-3C	2625.-	1
Covers for connection tags (Touch protection for empty positions)					S00, S0	3RV1915-6AB	135.-	10	
					S2	3RV1935-6A	240.-	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).

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	70.-	10
Scale covers, for covering the set current scale		3RV1 S3	3RV1908-0P	70.-	10
Covers for devices with box terminals	2 units required per device (Main current level)	3RV2 S2	3RT2936-4EA2	450.-	1
		3RV1 S3	3RT1946-4EA2	450.-	1
Terminal covers For cable lug and busbar connection	2 units required per device	3RV1 S3	3RT1946-4EA1	620.-	1



Motor protection circuit breakers - 3VU



MPCBs for motor and plant 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	3VU1340-0MB00	3160.-	3VU1340-1MB00	3705.-	1
0.16 - 0.24	3VU1340-0MC00		3VU1340-1MC00		1
0.24 - 0.4	3VU1340-0MD00		3VU1340-1MD00		1
0.4 - 0.6	3VU1340-0ME00	3675.-	■ 3VU1340-1ME00	4220.-	1
0.6 - 1	3VU1340-0MF00		■ 3VU1340-1MF00		1
1 - 1.6	3VU1340-0MG00	3700.-	■ 3VU1340-1MG00	4245.-	1
1.6 - 2.4	3VU1340-0MH00		■ 3VU1340-1MH00		1
2 - 3.2	3VU1340-0NH00	3795.-	■ 3VU1340-1NH00	4340.-	1
2.4 - 4	3VU1340-0MJ00		■ 3VU1340-1MJ00		1
3.2 - 5	3VU1340-0NJ00		■ 3VU1340-1NJ00		1
4 - 6	3VU1340-0MK00		■ 3VU1340-1MK00		1
5 - 8	3VU1340-0NK00		■ 3VU1340-1NK00		1
6 - 10	3VU1340-0NL00		■ 3VU1340-1NL00		1
			■ 3VU1340-1ML00		1

Overload release range A	Type (w/o aux. contact)	Unit LP ₹	Type (with 1NO+1NC)	Unit LP ₹	Std. pkg. (nos.)
8 - 13	3VU1340-0NL00	4400.-	■ 3VU1340-1NL00	4940.-	1
10 - 16	3VU1340-0MM00	4400.-	■ 3VU1340-1MM00	4940.-	1
14 - 20	3VU1340-0MN00	4485.-	■ 3VU1340-1MN00	5035.-	1
18 - 25	3VU1340-0MP00	5190.-	■ 3VU1340-1MP00	5740.-	1
6 - 10	3VU1640-0ML00	8415.-	■ 3VU1640-1ML00	8955.-	1
10 - 16	3VU1640-0MM00	8415.-	■ 3VU1640-1MM00	8955.-	1
16 - 25	3VU1640-0MN00	10225.-	■ 3VU1640-1MN00	10780.-	1
22 - 32	3VU1640-0MP00	10225.-	■ 3VU1640-1MP00	10780.-	1
28 - 40	3VU1640-0MQ00	10975.-	■ 3VU1640-1MQ00	11525.-	1
36 - 52	3VU1640-0MR00	10975.-	■ 3VU1640-1MR00	11525.-	1
45 - 63 [#]	3VU1640-0LS00	13045.-	3VU1640-1LS00	13605.-	1

Circuit-breakers for plant protection

3TF-3VU connector**



Type	Current	Contactor		Type of Connector	Unit LP ₹	Std. pkg. (nos.)
		Type Rating	AC3 Current Rating			
3VU13	0.16 to 20A	3TF30 / 31	9 / 12 A	3TS9001-8K	265.-	1
3VU13	6 to 25A	3TF32 / 33	16 / 22A	3TS9002-8K	310.-	1

** For more details refer [page no. 38](#)

Circuit breakers with aux. 1NO+1NC, for fuse monitoring

Rated current In A	Overload release range A	Shortcircuit release setting A	Type	Unit LP ₹	Std. pkg. (nos.)
0.2	0.2	1.2	■ 3VU1340-1MS00	3710.-	1

Circuit breakers with aux. 1NO+1NC, for line-side protection of transformers with high inrush current

Rated current In A	Overload release range A	Shortcircuit release setting A	Type	Unit LP ₹	Std. pkg. (nos.)
0.6	0.4 - 0.6	12	3VU1340-1TE00	5900.-	1
1	0.6 - 1	15	3VU1340-1TF00		1
1.6	1 - 1.6	29	3VU1340-1TG00		1
2.4	1.6 - 2.4	48	3VU1340-1TH00		1
4	2.4 - 4	72	3VU1340-1TJ00		1
6	4 - 6	120	3VU1340-1TK00		1
10	6 - 10	190	3VU1340-1TL00		1
16	10 - 16	300	3VU1340-1TM00		1
20	14 - 20	300	3VU1340-1TN00		1

Accessories for 3VU13 / 3VU16

Description (for 3VU13 & 3VU16)	Version	Type	Unit LP ₹	Std. pkg. (nos.)
Add-on aux. block	1 NO + 1 NC	■ 3VU9131-3AA00	715.-	1
Short-circuit signaller	1 NO + 1 NC	■ 3VU9131-7AA00	840.-	1
Undervoltage release	230 V, 50 Hz	3VU9132-0AB15	1975.-	1
Shunt trip	230 V, 50 Hz 24 V, 50 Hz DC 110-240 V	3VU9132-0AB55		1
		3VU9132-0AB50		1
		3VU9132-0AB73		1
Toggle padlocking device	Locking in Off pos	3VU9168-0KA00	530.-	1

Description	Version	Type	Unit LP ₹	Std. pkg. (nos.)
50 kA current limiter for 3VU13 only	Rated current = 56 A aux contacts 1NO+1NC	3VU9138-2AB00	5525.-	1
Three-phase busbar for 3VU13 only	In feed terminal (63 A)	3RV1925-5AB	1120.-	1
	busbars for 2 MPCBs	3VU9135-1AB02	790.-	1
	busbars for 3 MPCBs	3VU9135-1AB03	950.-	1
	busbars for 4 MPCBs	3VU9135-1AB04	1225.-	1
	busbars for 5 MPCBs	3VU9135-1AB05	1380.-	1
Door operating mechanism with door interlock, defeat facility, pad locking facility, extension shaft 300mm	Breaker operating kit & front drive (fixed coupler) for 3VU13 for 3VU16	■ 3VU9133-Z [@] ■ 3VU9163-Z [@]	2200.- 2350.-	1 1
Front drive for 3VU13 & 3VU16	Fixed coupler	■ 8UC616	695.- [#]	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

SIEMENS

Ingenuity for life



Compact & Intelligent

ET 200SP- Motor Starters

- Compact: Overload and short circuit protection in 30mm width
- Intelligent: Communication with PLC on profibus and profinet
- Push in technology: Hook in ,slide and engage
- Easy installation: In feed once, formation of power bus

Digital soft starters - SIRIUS 3RW30/40/44



3RW30

From 1.5 - 55 kW

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



3RW40

From 5.5 - 250 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



3RW44

From 22 - 1200 kW

- Coated Circuit board for better withstanding in harsh environments
- Torque control, Adjustable current limiting
- Graphical display (LCD) with background illumination
- Optional communication modules (PROFINET/PROFIBUS DP)
- Programmable 4 inputs and 3 outputs.
- Integrated motor overload protection with adjustable trip class 5/10/15/20/30 and device self-protection
- Integrated bypass contact system
- Integrated state and fault monitoring
- Standard circuit (in-line) and inside-the-delta circuit
- Creep speed / inching mode / brake function

3RW30: for standard applications

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	9855.-	1
200-480	3	6.5/6/5.5	3RW3014-1BB\$4	11435.-	1
200-480	4	9/8/7	3RW3016-1BB\$4	13105.-	1
200-480	5.5	12.5/12/11	3RW3017-1BB\$4	15520.-	1
200-480	7.5	17.6/17/14	3RW3018-1BB\$4	18685.-	1
200-480	11	25.3/23/21	3RW3026-1BB\$4	20635.-	1
200-480	15	32.2/29/26	3RW3027-1BB\$4	26955.-	1
200-480	18.5	38/34/31	3RW3028-1BB\$4	33650.-	1
200-480	22	45/42/39	3RW3036-1BB\$4	36625.-	1
200-480	30	65/58/53	3RW3037-1BB\$4	49820.-	1
200-480	37	72/62.1/60	3RW3038-1BB\$4	61350.-	1
200-480	45	80/73/66	3RW3046-1BB\$4	68785.-	1
200-480	55	106/98/90	3RW3047-1BB\$4	76220.-	1

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

• 24 V AC/DC 0

• 110 ... 230 V AC/DC 1

3RW40: for standard applications

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	25900.-	1
200...480	11	25 / 23 / 21	3RW4026-1BB\$4	32000.-	1
200...480	15	32 / 29 / 26	3RW4027-1BB\$4	39630.-	1
200...480	18.5	38 / 34 / 31	3RW4028-1BB\$4	48770.-	1
200...480	22	45 / 42 / 39	3RW4036-1BB\$4	55300.-	1
200...480	30	63 / 58 / 53	3RW4037-1BB\$4	65310.-	1
200...480	37	72 / 62 / 60	3RW4038-1BB\$4	74015.-	1
200...480	45	80 / 73 / 66	3RW4046-1BB\$4	83450.-	1
200...480	55	106 / 98 / 90	3RW4047-1BB\$4	92890.-	1

\$ Control Voltage Code: 0 for 24V AC / DC; 1 for 110...230V AC / DC

For 3RW40 soft starters with thermistor protection in the above range please add ₹ 6800.- to above price and change the 9th digit in the type reference to 'T' from 'B'. (e.g. 3RW4024 1TB04). The 3RW40 soft starter with thermistor protection can be offered with 24 V AC/DC supply voltage only

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...460	75	134 / 117 / 100	3RW4055-6BB†4	123365.-	1
200...460	90	162 / 145 / 125	3RW4056-6BB†4	152395.-	1
200...460	132	230 / 205 / 180	3RW4073-6BB†4	174165.-	1
200...460	160	280 / 248 / 215	3RW4074-6BB†4	210450.-	1
200...460	200	356 / 315 / 280	3RW4075-6BB†4	232215.-	1
200...460	250	432 / 385 / 335	3RW4076-6BB†4	253990.-	1

† Control voltage code: 3 for 115V AC, 4 for 230V AC

3RW44: for heavy duty applications

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/60°C)	Type*	Unit LP ₹	Std. pkg. (nos)
200...460	15	22	29 / 26 / 23	3RW4422-1BC\$4	84170.-	1
200...460	18.5	30	36 / 32 / 29	3RW4423-1BC\$4	99205.-	1
200...460	22	45	47 / 42 / 37	3RW4424-1BC\$4	105215.-	1
200...460	30	55	57 / 51 / 45	3RW4425-1BC\$4	126255.-	1
200...460	37	75	77 / 68 / 59	3RW4426-1BC\$4	150310.-	1
200...460	45	90	98 / 82 / 72	3RW4427-1BC\$4	189385.-	1
200...460	55	110	113 / 100 / 88	3RW4434-6BC\$4	219450.-	1
200...460	75	132	134 / 117 / 100	3RW4435-6BC\$4	240495.-	1
200...460	90	160	162 / 145 / 125	3RW4436-6BC\$4	248250.-	1
200...460	110	200	203 / 180 / 156	3RW4443-6BC\$4	256625.-	1
200...460	132	250	250 / 215 / 185	3RW4444-6BC\$4	278625.-	1
200...460	160	315	313 / 280 / 250	3RW4445-6BC\$4	300615.-	1
200...460	200	355	356 / 315 / 280	3RW4446-6BC\$4	354725.-	1
200...460	250	400	432 / 385 / 335	3RW4447-6BC\$4	403275.-	1
230...460	315	560	551 / 494 / 438	3RW4453-6BC\$4	511045.-	1
230...460	355	630	615 / 551 / 489	3RW4454-6BC\$4	676385.-	1
230...460	400	710	693 / 615 / 551	3RW4455-6BC\$4	763565.-	1
230...460	450	800	780 / 693 / 615	3RW4456-6BC\$4	841725.-	1
230...460	500	900	880 / 780 / 693	3RW4457-6BC\$4	880805.-	1
230...460	560	1000	970 / 850 / 760	3RW4458-6BC\$4	952955.-	1
230...460	630	1100	1076 / 970 / 880	3RW4465-6BC\$4	1100260.-	1
230...460	710	1200	1214 / 1076 / 970	3RW4466-6BC\$4	1247560.-	1

Accessories for 3RW44

Description	Type	Unit LP ₹	Std. pkg. (nos.)
Software for PC interface	3ZS1313-4CC10-0YA5	5370.-	1
PC cable for PC/PG communication - USB connection	3UF79410AA00-0	8723.-	1
Profibus communication module	3RW49000KC00	19385.-	1
ProfiNET communication module	3RW49000NC00	33430.-	1
External display and operating module	3RW49000AC00	17610.-	1
- Connection cable for external display module (0.5 mtr - flat)	3UF79320AA00-0	1092.-	1
- Connection cable for external display module (1 mtr - round)	3UF79370BA00-0	2746.-	1
- Connection cable for external display module (2.5 mtr - round)	3UF79330BA00-0	2986.-	1

* - For 3RW44 with operating voltage U_e 400...600V AC: Change the last digit of MLFB from "4" to "5" and increase the standard operating voltage list price by 15%.

- For 3RW44 with operating voltage U_e 400...690V AC: Change the last digit of MLFB from "4" to "6" and increase the standard operating voltage list price by 30%.

\$ Control voltage code: 3 for 115V AC, 4 for 230V AC

Note: Commissioning service is available at extra cost.

The Sirius 3RW30/40/44 soft starters are designed for normal starting conditions.

$J_{load} < 10 \times J_{motor}$

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



DOL starters - 3TW

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	3TW4290-1A.64	0.63-1	2155.-	1
0.75	0.55	3TW4290-1A.66	1-1.6		1
1	0.75	■ 3TW4290-1A.68	1.6-2.5		1
1.5	1.1	3TW4290-1A.69	2-3.2		1
2	1.5	■ 3TW4290-1A.71	3.2-5		1
3	2.2	■ 3TW4290-1A.72	4-6.3		1
5	3.7	■ 3TW4290-1A.74	6.3-10		1
-	-	■ 3TW4290-1A.75	8-12.5		1
7.5	5.5	■ 3TW4290-1A.77	10-16		1
10	7.5	■ 3TW4290-1A.78	12.5-20		2820.-

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	3TW0493-2AR0**	3UA52(16-25A)	5495.-	1
20	15	■ 3TW0494-2A..	3UA55 (20-32A)	6750.-	1
25	18.5	■ 3TW0495-2A..	3UA55 (25-36A)	7715.-	1
30	22	■ 3TW0496-2A..	3UA58 (32-50A)	9515.-	1
40	30	3TW0497-2A..	3UA58 (40-57A)	12130.-	1
50	37	3TW0498-2A..	3UA58 (57-70A)	15740.-	1
75	55	3TW0590-2A..	3UA5830 (85-105A)	22060.-	1

* Only coil voltage of 415V 50Hz available

Star-delta starters - 3TE / 3LW

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	3TE0290-0AW74 [§]	6.3-10	9510.-	1
12.5	9.3	■ 3TE0290-0A.75	8-12.5	9980.-	1
15	11	■ 3TE0290-0A.77	10-16	10240.-	1
20	15	■ 3TE0290-0A.78	12.5-20	12445.-	1
25	18.5	■ 3TE0290-0A.79	16-25	13865.-	1

⁴⁾ Enter code for coil voltage, 50Hz (D for 230-400V, W for 415V)

§ Only coil voltage of 415V 50Hz available

Handle-operated starter in S.S. housing, incl. birelay with SPP

Motor rating at 415V, 3ph, 50Hz		Type ¹⁾ (HSD)	Relay range A	Unit MRP ₹	Std. pkg. (nos.)
HP	kW				
5	3.7	3LW4290-0A.72	4-6.3	7240.-	1
10	7.5	3LW4290-0A.74	6.3-10		1
12.5	9.3	3LW4290-0A.75	8-12.5		1
15	11	3LW4290-0A.77	10-16		1

¹⁾ Enter code for coil voltage, 50Hz (B for 200-400V, W for 415V)

Automatic starter in S.S. housing (without birelay)

Motor rating at 415V, 3ph, 50Hz		Type ²⁾ (ASD)	Unit LP ₹	Std. pkg. (nos.)
HP	kW			
30	22	3TE0494-2A...	20495.-	1
40	30	3TE0494-2A...	20495.-	1
50	37	3TE0495-2A...	28620.-	1
60	45	3TE0496-2A...	40605.-	1
75	55	3TE0497-2A...	49690.-	1
100	75	3TE0594-2AR0*†	70710.-	1
125	90	3TE0595-2AR0*†	72790.-	1
150	110	3TE0596-2AR0*†	73890.-	1
180	132	3TE0597-2AR0*†	79030.-	1

*† Have in-built relay

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



Contactor & Birelay list for 3TE04/ 3TE05 type ASD starter

HP	KW	3TE04/ 3TE05 type starter	Contactor Line/ Delta	Contactor Star	Bi-relay †††
30	22	3TE0494-2A....	3TF34	3TF34	3UA55(16-25A)
40	30	3TE0494-2A....	3TF34	3TF34	3UA55(20-32A)
50	37	3TE0495-2A....	3TF35	3TF34	3UA55(32-40A)
60	45	3TE0496-2A....	3TF46	3TF34	3UA55(32-50A)
75	55	3TE0497-2A....	3TF47	3TF34	3UA55(40-57A)
100	75	3TE0594-2A....	3TF49	3TF47	3UA58(70-95A)
125	90	3TE0595-2A....	3TF50	3TF47	3UA58(70-95A)
150	110	3TE0596-2A....	3TF50	3TF50	3UA58(95-120A)
180	132	3TE0597-2A....	3TF51	3TF50	3UA62(115-180A)

††† 3TE05 have in-built birelay whereas 3TE04 doesn't have in-built birelay

Spares for starters

Spares for 3TW42/3LW42 starters

Description	Type	Unit MRP ₹	Std. pkg. (nos.)
Contactors	■ 3TW0290-0A.51 ¹⁾	1280.-	1
Main contact kit - single pole	3TX0200-0YA1	165.-	1
Main contact kit - 3 pole	■ 3TX0200-0YA0	490.-	1
Coil	■ 3TX0203-0Y.6 ¹⁾	275.-	1
Moving contact carrier	3TX0200-0YD0	165.-	10
Arc chamber	■ 3TX0202-0YA0	60.-	10
Aux. fixed contacts	3TX0200-1YB0	20.-	10
Aux. moving contacts	3TX0200-1YC0	20.-	10
Birelay	3UW5002.. ⁵	Upon enquiry	1
'On' actuator for 3TW42	■ 3TX0204-1YA0	140.-	1
'Off' actuator for 3TW42	■ 3TX0204-1YB0	140.-	1
'Reset' actuator for HSD	3TX0204-1YR0	140.-	1
On/Off contact	■ 3SX1551-1YA	235.-	1
Switch for HSD starter	3LA0204-4YB	&	1

⁵ Enter code for relay range
 & Refer to the valid LV Power distribution products LP
[^] For details please contact nearest sales office
¹⁾ Enter code for coil voltage, 50Hz (B for 200-400V, W for 415V)

Code for 3UW50 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

■ Stock items
 Please order in multiples of standard packing.

Spares for 3TE02 starters

Description	Type	Unit MRP ₹	Std. pkg. (nos.)
Contactors (1NO+1NC)	3TW0311-0A&51	2230.-	1
Contactors (2NO)	3TW0320-0A&51	2230.-	1
Main contact kit three pole	3TX0300-0YA0	990.-	1
Main contact kit single pole	3TX0300-0YA1	375.-	1
Coil	3TX0303-0Y&6	375.-	1
Aux. fixed contacts (NO)	3TX0300-1YB0	80.-	10
Aux. fixed contacts (NC)	3TX0300-1YD0	80.-	10
Aux. moving contacts	3TX0300-1YC0	80.-	10
Birelay	3UW5002.. ⁵	Upon enquiry	1
Star-delta timer	3RP15761N#208K	2170.-	1

& Enter code for coil voltage, 50Hz (D for 230-400V, W for 415V)
 # Enter control voltage code (M for 200-240V / 380-440V, P for 230-400V)


Spares for other starters

Description	Type	Unit LP ₹	Std. pkg. (nos.)
Main, aux contacts & spare coils	Refer page no. 37	-	-
On/Off actuators	■ 3SX1552-1YA	115.-	1
On/Off contact	■ 3SX1551-1YA	235.-	1
On/Off actuator for 3TE05 only	3SB5201-7EC01	305.-	1
Electronic Timer	3RP1576-1NM208K	2170.-	1
Accessory for independent mounting of 3UA58	3UX1421-0XA	520.-	1


† Enter code for coil voltage F0 (110V), P0 (230V), R0 (415V)
 For replacing 3TF44 order 3TF3422 and for replacing 3TF45 order 3TF3522
 # 1NO + 1NC @ 2NO + 2NC


Innovation Continues with range of communication capable Motor Starters!






ET200SP






3RA6



ET200S



M200D

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	2000.-	1 1
	5 – 100 sec	24/100-127 24/200-240	24 24	■ 3RP1513-1AQ308K ■ 3RP1513-1AP308K	2010.-	1 1
	0.05 sec to 100 Hrs. (15 time setting ranges)	24/100-127 24/200-240	24 24	■ 3RP1525-1AQ308K ■ 3RP1525-1AP308K	2945.-	1 1
		24 to 240	24 to 240	■ 3RP1525-1BW308K#	3975.-	1
Off-delay with 1C/O contacts	0.5 – 10 sec	24/100-127 24/200-240	24 24	■ 3RP1531-1AQ308K ■ 3RP1531-1AP308K	2650.-	1 1
	5 – 100 sec	24/100-127 24/200-240	24 24	■ 3RP1533-1AQ308K ■ 3RP1533-1AP308K	2690.-	1 1
Multi-function with 1C/O contacts	0.05 sec to 100 Hrs. (15 time setting ranges)	24 - 240	24 - 240	■ 3RP1505-1AW308K	4095.-	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*	815.- ⁵	1 pack
Star-Delta 1NO inst & 1NO delayed	1 – 20 sec	200-240 / 380-440V AC		3RP1574-1NM208K	2080.-	1
	3 – 60 sec	24/100-127	24	■ 3RP1576-1NQ308K	2115.-	1
		24/200-240	24	■ 3RP1576-1NP308K	2115.-	1
			200-240/380-440V AC		■ 3RP1576-1NM208K	2170.-
		230-400V AC		■ 3RP1576-1NP208K	2170.-	1
Push-in lug (for mounting 3RP timer with screws)				3RP19038K (1 pack = 10 pcs)	170.- ⁵	1 pack

with 2C/O contacts \$ Price per pack * 1 pack consists of 1 label set

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	9170.-	1
	1.6...16	24...240V AC/DC	3RR2141-1AW30	10005.-	1
S0	4 ... 40	24V AC/DC	3RR2142-1AA30	10840.-	1
	4 ... 40	24...240V AC/DC	3RR2142-1AW30	12515.-	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	18350.-	1
	1.6...16	24...240V AC/DC	3RR2241-1FW30	20020.-	1
S0	4 ... 40	24V AC/DC	3RR2242-1FA30	21695.-	1
	4 ... 40	24...240V AC/DC	3RR2242-1FW30	23365.-	1

For ordering terminal bracket for stand alone installation please refer [page no. 43](#)

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

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	3UG45121AR20	9115.-	1
Yes	Yes	20%	160-690V	-	Off delay 0.1-20 s	-	2 CO	160-690V	3UG45131BR20	12085.-	1
Yes	Yes	Yes	160-690V	160-690V	Off delay 0.1-20 s	Yes	2 CO	160-690V	3UG46151CR20	17505.-	1

3UG Monitoring Relays for Electrical and Additional Measurements

Hysteresis	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	360...520	3UG45111AP20	9105.-	1
		2		3UG45111BP20	10440.-	1
--	Monitoring of phase sequence, phase failure and phase unbalance	2	160...690	3UG45121BR20	11640.-	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	3UG46161CR20	20720.-	1
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	3UG46411CS20	20720.-	1
0.1...150V	Digital Voltage Monitoring Relay range 17 to 275V AC/DC spikedelay 0.1 to 20 sec	1	Self Powered	3UG46331AL30	15865.-	1
0.1...300V	Digital Voltage Monitoring Relay range 10...600V AC/DC, Delay 0.1...20sec	1	24...240V AC/DC	3UG46321AW30	16625.-	1
--	#Level Monitoring Relay sensitivity 2KΩ to 200KΩ. Tripping delay 0.1...10sec	1	24...240V AC/DC	3UG45011AW30	11250.-	1
--	#Wire electrode for Level Monitoring Relay, 500 MM long, with teflon insulation			3UG32073A	10110.-	1

1) Absolute limit values

2) 1 CO Contact each and 1 tripping delay time each for U_{min} and U_{max} .

3) LSB: Smallest adjustable value, transformer-dependent, $\leq 1\%$ of $I_{\Delta n}$.

Level monitoring relays must be orderd along with electrodes, for different level controls varity of electrodes are available, for more details refer IC10.

Thermistor motor protection relay - 3RN1

Type of Thermistor	Reset	Contacts	Control Supply voltage	Type	Unit LP ₹	Std. pkg. (nos.)
PTC type A	Auto	1CO	230V AC	3RN1000-1AM00	5255.-	1
PTC type A	Auto	1CO	24 AC/DC 50/60Hz	3RN10001AB00	5255.-	1
PTC type A	Auto	1CO	110 AC 50/60Hz	3RN10001AG00	5255.-	1

Insulation monitoring relay -3UG

Measuring Range U_e kΩ	Function	Rated control supply voltage U_s V	Type	Unit LP ₹	Std. pkg. (nos.)
1-110	Insulation monitors for ungrounded AC networks	24-240 AC/DC	3UG45811AW30	24685.-	1
		0 ... 250 AC	3UG45821AW30	31615.-	
1-110	Insulation monitors for ungrounded DC & AC networks	0 ... 400 AC, 0 ... 600 DC ¹⁾	3UG45831CW30	69680.-	1
	Voltage reducer modules	Extending the mains voltage range to max. 690 V AC and 1000 V DC	3UG49831A	37225.-	1
	Sealable, transparent covers	For 3UG45 81, 3UG45 82	3UG49810C	1200.-	1
		For 3UG45 83	3UG49830C	1245.-	1

1) With 3UG49 83-1A 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	Type	Ø	Phase failure protection	Imbalance protection	Phase reversal protection	Under voltage protection	Over voltage protection	Under freq. protection	Over freq. protection	Earth leakage protection	Under Current protection	Over Current protection	Earth fault
Line monitoring relay	7UG0 712	3Ø 3W	✓	✓	✓								
	7UG0 818	3Ø 3W / 3Ø 4W	✓	✓	✓	✓	✓	✓	✓				
Voltage Monitoring relay	7UG0 753	3Ø 3W	✓		✓	✓	✓						
Current monitoring relay	7UG0 82	1Ø 2W	✓	✓							✓	✓	
	7UG0 83	1Ø 2W / 3Ø 3W / 3Ø 4W	✓	✓							✓	✓	
Earth leakage relay	7UG0 84	1Ø 2W / 3Ø 3W / 3Ø 4W								✓			
Earth fault monitoring relay NEW	7UG0 86	1Ø 2W / 3Ø 3W / 3Ø 4W											✓

7UG0 monitoring relays

Description		Type	Unit LP ₹	Std. pkg. (nos.)	
Line monitoring relay	Self powered	3Ph-3W	7UG0712-1AA20	1040.-	1
	Self powered	3Ph-3W, 3Ph-4W	7UG0818-1CA20	2400.-	1
Voltage Monitoring relay	Self powered	3Ph-3W	7UG0753-1AA20	1805.-	1
Current Monitoring relay	110 V AC	1Ph-2W	7UG0821-1AB20	3155.-	1
	230 V AC	1Ph-2W	7UG0822-1AD20	3005.-	1
	110 V AC	1Ph-2W, 3Ph-3W, 3Ph-4W	7UG08311-AB20	3840.-	1
	230 V AC	1Ph-2W, 3Ph-3W, 3Ph-4W	7UG0832-1AD20	3655.-	1
Earth leakage relay	110 V AC	1Ph-2W, 3Ph-3W, 3Ph-4W	7UG0841-1CB20	3910.-	1
	230 V AC	1Ph-2W, 3Ph-3W, 3Ph-4W	7UG0842-1CD20	3910.-	1
CBCT		35mm	7UG09-96	1365.-	1
		70mm	7UG09-97	1595.-	1
		120mm	7UG09-99	2580.-	1
Earth Fault monitoring relay	Digital Earth Fault relay • Auxillary voltage: 85 - 270 V AC/DC • Change over contact: 2C/O • Width : 35mm module"		7UG0861-1BU20	4000.-	1
NEW	CBCT for EFR: 160 frame	Core Balance CT 160 frame, 3P	7UG09910	1400.-	1
		Core Balance CT 160 frame, 4P	7UG09911	1600.-	1
	CBCT for EFR: 250 frame	Core Balance CT 250 frame, 3P	7UG09912	1700.-	1
		Core Balance CT 250 frame, 4P	7UG09913	2000.-	1
	CBCT for EFR: 630 frame	Core Balance CT 630 frame, 3P	7UG09914	2500.-	1
Core Balance CT 630 frame, 4P		7UG09915	2700.-	1	

7PV0 timers

Description		Type	Unit LP ₹	Std. pkg. (nos.)	
ON delay timer	230V AC		7PV0712-1AD20	1105.-	1
Multifunction timer with digital display	20-240V AC/DC	15 functions	7PV0732-1AV20	2060.-	1
Multifunction timer - analog	20-240V AC / 12--240V DC	10 functions	7PV0723-1AZ20	1450.-	1

Plug-in-relay - 7RQ



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.)	Socket	Standard Features	Type	Unit LP ₹	Std. pkg. (nos.)		
1CO												
	6A 5 pin	• Mechanical Flag • LED indicator • Free wheeling diode	DC	24	7RQ0100-0AC00	195.-	10		PCB mounted	7RQ0202-1AX00	65.-	10
				48	7RQ0100-0AD00	265.-	10					
				110	7RQ0100-0AE00	370.-	10					
		• Mechanical Flag • LED indicator	AC	24	7RQ0100-0AM10	235.-	10		Din rail mounting	7RQ0201-1AX00	120.-	10
				48	7RQ0100-0AN10	370.-	10					
				110	7RQ0100-0AP10	385.-	10					
			230	7RQ0100-0AR10	410.-	10						
2CO												
	6A 8 pin	• Mechanical Flag • LED indicator • Free wheeling diode	DC	24	7RQ0100-0BC00	290.-	10	6A	PCB mounted	7RQ0202-1BX00	75.-	10
				48	7RQ0100-0BD00	375.-	10					
				110	7RQ0100-0BE00	395.-	10					
		• Mechanical Flag • LED indicator	AC	24	7RQ0100-0BM10	355.-	10		Din rail mounting	7RQ0201-1BX00	190.-	10
				48	7RQ0100-0BN10	390.-	10					
				110	7RQ0100-0BP10	400.-	10					
			230	7RQ0100-0BR10	420.-	10						
2CO												
	10A 8 pin	• LED indicator	DC	24	7RQ0110-0BC00	395.-	10	10A	PCB mounted	7RQ0212-1BX00	90.-	10
				48	7RQ0110-0BD00	450.-	10					
				110	7RQ0110-0BE00	500.-	10					
		• LED indicator	AC	24	7RQ0110-0BM00	450.-	10		Din rail mounting	7RQ0211-1BX00	210.-	10
				48	7RQ0110-0BN00	500.-	10					
				110	7RQ0110-0BP00	500.-	10					
			230	7RQ0110-0BR00	555.-	10						
3CO												
	10A 11 pin	• LED indicator	DC	24	7RQ0100-0CC00	475.-	10	10A	Din rail mounting	7RQ0201-1CX00	300.-	10
				48	7RQ0100-0CD00	500.-	10					
				110	7RQ0100-0CE00	580.-	10					
		• LED indicator	AC	24	7RQ0100-0CM00	500.-	10		Din rail mounting	7RQ0201-1CX00	300.-	10
				48	7RQ0100-0CN00	530.-	10					
				110	7RQ0100-0CP00	565.-	10					
			230	7RQ0100-0CR00	580.-	10						
4CO												
	5A 14 pin	• LED indicator	DC	24	7RQ0100-0DC00	410.-	10	7A	PCB mounted	7RQ0202-1DX00	120.-	10
				48	7RQ0100-0DD00	430.-	10					
				110	7RQ0100-0DE00	525.-	10					
		• LED indicator	AC	24	7RQ0100-0DM00	440.-	10		Din rail mounting	7RQ0201-1DX00	220.-	10
				48	7RQ0100-0DN00	470.-	10					
				110	7RQ0100-0DP00	530.-	10					
			230	7RQ0100-0DR00	565.-	10						

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

A close-up photograph of a Siemens SIRIUS ACT terminal block. The device is a light grey plastic component with several black buttons and a white terminal cap. The buttons are arranged vertically and feature a vertical bar, a horizontal bar, and a circle. The terminal cap is white and cylindrical. The entire device is covered in water droplets, suggesting a rugged environment. The background is dark and out of focus.

SIEMENS

Ingenuity for life

SIRIUS ACT – Performance in Action

- **Modern Design** - Elegant product design and high-quality material – as a distinguishing system design feature
- **Easy to Use** - From configuration to installation, SIRIUS ACT takes the concept of sophistication in simplicity to the next level
- **Extremely Rugged** - Reliable. Especially when things get rough. IP69K is our new standard.
- **Flexible Communication** - Whether standard wiring or direct connection to the controller – SIRIUS ACT offers flexibility via AS-i, IO-Link and Profinet.

www.siemens.com/SIRIUS-Act

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Industrial Controls

8WN Signaling Columns

8WN - 70mm Modular unit IP 65

Continuous light

Type	Color	Voltage	Unit LP* ₹	Std. pkg. (nos.)
8WN4420-5AB00	Red	24 V AC/DC	2030.-	1
8WN4420-5AC00	Green		2030.-	1
8WN4420-5AD00	Yellow		2030.-	1
8WN4420-5AE00	White		2030.-	1
8WN4420-5AF00	Blue		2030.-	1
8WN4440-5AB00	Red	110 V AC/DC	1880.-	1
8WN4440-5AC00	Green		1880.-	1
8WN4440-5AD00	Yellow		1880.-	1
8WN4440-5AE00	White		1880.-	1
8WN4440-5AF00	Blue		1880.-	1
8WN4450-5AB00	Red	220 V AC	1880.-	1
8WN4450-5AC00	Green		1880.-	1
8WN4450-5AD00	Yellow		1880.-	1
8WN4450-5AE00	White		1880.-	1
8WN4450-5AF00	Blue		1880.-	1

Blinking light

Type	Color	Voltage	Unit LP* ₹	Std. pkg. (nos.)
8WN4420-5BB00	Red	24 V AC/DC	2210.-	1
8WN4420-5BC00	Green		2210.-	1
8WN4420-5BD00	Yellow		2210.-	1
8WN4420-5BE00	White		2210.-	1
8WN4420-5BF00	Blue		2210.-	1
8WN4440-5BB00	Red	110 V AC/DC	2210.-	1
8WN4440-5BC00	Green		2210.-	1
8WN4440-5BD00	Yellow		2210.-	1
8WN4440-5BE00	White		2210.-	1
8WN4440-5BF00	Blue		2210.-	1
8WN4450-5BB00	Red	220 V AC	2210.-	1
8WN4450-5BC00	Green		2210.-	1
8WN4450-5BD00	Yellow		2210.-	1
8WN4450-5BE00	White		2210.-	1
8WN4450-5BF00	Blue		2210.-	1

Accessories for 70mm LED modular unit

Type	Description	Unit LP* ₹	Std. pkg. (nos.)
8WN4408-0AF00	Connection components, Screw terminals	625.-	1
8WN4408-0AG00	Caps for light elements	60.-	1
8WN4408-0DH00	Feet with pipes, single; Length 60mm	110.-	1
8WN4408-0DJ00	Feet with pipes, single; Length 80mm	125.-	1
8WN4408-0DA00	Feet with pipes, single; Length 110mm	140.-	1
8WN4408-0CC00	Brackets for side mounting, use together with foot with pipe	125.-	1

Type	Description	Unit LP* ₹	Std. pkg. (nos.)
8WN4408-0CF00	Brackets for side mounting,	495.-	1
8WN4408-0CG00	Fold-out support	240.-	1
8WN4420-0GA00	24 V AC/DC, continuous buzzer	1470.-	1
8WN4420-0HA00	24 V AC/DC, discontinuous buzzer	1715.-	1
8WN4440-0GA00	110 V AC/DC, continuous buzzer	1470.-	1
8WN4440-0HA00	110 V AC/DC, discontinuous buzzer	1715.-	1
8WN4450-0GA00	220 V AC, continuous buzzer	1470.-	1
8WN4450-0HA00	220 V AC, discontinuous buzzer	1715.-	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	1880.-	1
8WN2222-6AG00	R, G		2700.-	1
8WN2223-6AJ00	R,Y,G		3520.-	1
8WN2241-6AB00	R	110 V AC/DC	1880.-	1
8WN2242-6AG00	R, G		2700.-	1
8WN2243-6AJ00	R,Y,G		3520.-	1
8WN2251-6AB00	R	220 V AC	1880.-	1
8WN2252-6AG00	R, G		2700.-	1
8WN2253-6AJ00	R,Y,G		3520.-	1

Continuous light with continuous buzzer

Type	Color	Voltage	Unit LP* ₹	Std. pkg. (nos.)
8WN2222-6JB00	R	24V AC/DC	2210.-	1
8WN2223-6JG00	R, G		3025.-	1
8WN2224-6JJ00	R,Y,G		3845.-	1
8WN2242-6JB00	R	110 V AC/DC	2210.-	1
8WN2243-6JG00	R, G		3025.-	1
8WN2244-6JJ00	R,Y,G		3845.-	1
8WN2252-6JB00	R	220 V AC	2210.-	1
8WN2253-6JG00	R, G		3025.-	1
8WN2254-6JJ00	R,Y,G		3845.-	1

Blinking light without buzzer

Type	Color	Voltage	Unit LP* ₹	Std. pkg. (nos.)
8WN2221-6BB00	R	24V AC/DC	2210.-	1
8WN2222-6BG00	R, G		3025.-	1
8WN2223-6BJ00	R,Y,G		3845.-	1

Blinking light with continuous buzzer

Type	Color	Voltage	Unit LP* ₹	Std. pkg. (nos.)
8WN2222-6MB00	R	24V AC/DC	2455.-	1
8WN2223-6MG00	R, G		3270.-	1
8WN2224-6MJ00	R,Y,G		4090.-	1

Continuous light with discontinuous buzzer


Type	Color	Voltage	Unit LP* ₹	Std. pkg. (nos.)
8WN2222-6KB00	R	24V AC/DC	2455.-	1
8WN2223-6KG00	R, G		3270.-	1
8WN2224-6KJ00	R,Y,G		4090.-	1
8WN2242-6KB00	R	110 V AC/DC	2455.-	1
8WN2243-6KG00	R, G		3270.-	1
8WN2244-6KJ00	R,Y,G		4090.-	1
8WN2252-6KB00	R	220 V AC	2455.-	1
8WN2253-6KG00	R, G		3270.-	1
8WN2254-6KJ00	R,Y,G		4090.-	1

Blinking light with discontinuous buzzer


Type	Color	Voltage	Unit LP* ₹	Std. pkg. (nos.)
8WN2222-6NB00	R	24V AC/DC	2700.-	1
8WN2223-6NG00	R, G		3520.-	1
8WN2224-6NJ00	R,Y,G		4335.-	1

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	250.-	10
		Green	■ 3SB5285-6HE01	250.-	10
		Amber	■ 3SB5285-6HL01	250.-	10
		Blue	■ 3SB5285-6HF01	635.-	10
		White	3SB5285-6HG01	250.-	10
		Yellow	3SB5285-6HD01	250.-	10
		Clear	3SB5285-6HH01	250.-	10
	30V DC ®	Red	3SB5285-6HC13	270.-	10
		Green	3SB5285-6HE13	270.-	10
		Amber	3SB5285-6HL13	270.-	10
		Blue	3SB5285-6HF13	720.-	10
		White	3SB5285-6HG13	270.-	10
		Yellow	3SB5285-6HD13	270.-	10
		Clear	3SB5285-6HH13	270.-	10
	110 V AC 50/60 Hz	Red	■ 3SB5285-6HC02	250.-	10
		Green	■ 3SB5285-6HE02	250.-	10
		Amber	■ 3SB5285-6HL02	250.-	10
		Blue	■ 3SB5285-6HF02	635.-	10
		White	3SB5285-6HG02	250.-	10
		Yellow	3SB5285-6HD02	250.-	10
		Clear	3SB5285-6HH02	250.-	10
	110 V DC®	Red	■ 3SB5285-6HC04	270.-	10
		Green	■ 3SB5285-6HE04	270.-	10
		Amber	■ 3SB5285-6HL04	270.-	10
		Blue	■ 3SB5285-6HF04	705.-	10
		White	3SB5285-6HG04	270.-	10
		Yellow	3SB5285-6HD04	270.-	10
		Clear	3SB5285-6HH04	270.-	10
	220/240 V AC 50/60 Hz	Red	■ 3SB5285-6HC03	250.-	10
		Green	■ 3SB5285-6HE03	250.-	10
		Amber	■ 3SB5285-6HL03	250.-	10
		Blue	■ 3SB5285-6HF03	635.-	10
		White	3SB5285-6HG03	250.-	10
		Yellow	3SB5285-6HD03	250.-	10
		Clear	3SB5285-6HH03	250.-	10
	220 V DC®	Red	■ 3SB5285-6HC05	270.-	10
		Green	■ 3SB5285-6HE05	270.-	10
		Amber	■ 3SB5285-6HL05	270.-	10
		Blue	■ 3SB5285-6HF05	705.-	10
		White	3SB5285-6HG05	270.-	10
		Yellow	3SB5285-6HD05	270.-	10
		Clear	3SB5285-6HH05	270.-	10

Wide band compact LED indicating lamps


	Voltage	Colour	Type	Unit LP ₹	Std Pkg (nos.)
	42 to 240 V AC & 42 to 220 V DC	Red	■ 3SB5235-6HC14	390.-	10
		Green	■ 3SB5235-6HE14	390.-	10
		Amber	■ 3SB5235-6HL14	390.-	10
		Blue	■ 3SB5235-6HF14	685.-	10
		White	3SB5235-6HG14	390.-	10
		Yellow	3SB5235-6HD14	535.-	10
		Clear	3SB5235-6HH14	535.-	10

Complete BA9s FILAMENT indicating lamps (with plastic front ring)


	Voltage	Type	Unit LP ₹	Std Pkg (nos.)
	24 V AC/DC	3SB5286-6H.01	125.-	10
	110 V AC/DC #	3SB5286-6H.11	140.-	10
	230 V AC 50/60 Hz	3SB5286-6H.12	150.-	10

Replace "*" by following colour codes
C = Red, E = Green, L = Amber, F = Blue, H = Clear


Complete indicating lamps W/O LAMP** (with plastic front ring)

	Colour	Type	Unit LP ₹	Std Pkg (nos.)
	Red	3SB5286-6HC00	120.-	10
	Green	3SB5286-6HE00	120.-	10
	Amber	3SB5286-6HL00	120.-	10
	Blue	3SB5286-6HF00	120.-	10
	Clear	3SB5286-6HH00	120.-	10


Modular Indicating Lamps (with plastic front ring) Lens Assembly

	Colour	Type	Unit LP ₹	Std Pkg (nos.)
	Red	■ 3SB5201-6BC00	80.-	10
	Green	■ 3SB5201-6BE00	80.-	10
	Amber	■ 3SB5201-6BL00	80.-	10
	Blue	■ 3SB5201-6BF00	80.-	10
	White	3SB5201-6BG00	80.-	10
	Yellow	3SB5201-6BD00	80.-	10
	Clear	3SB5201-6BH00	80.-	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	210.-	10	
		Green	■ 3SB5400-7CE	210.-	10	
		Amber	■ 3SB5400-7CL	210.-	10	
		Blue	■ 3SB5400-7CF	670.-	10	
		White†	3SB5400-7CG	210.-	10	
		Yellow	3SB5400-7CD	210.-	10	
		110 V AC 50/60 Hz	Red	■ 3SB5400-7EC	210.-	10
			Green	■ 3SB5400-7EE	210.-	10
	Amber		■ 3SB5400-7EL	210.-	10	
	Blue		■ 3SB5400-7EF	670.-	10	
	White†		3SB5400-7EG	210.-	10	
	Yellow		3SB5400-7ED	210.-	10	
	110 V DC®		Red	■ 3SB5400-7DC	210.-	10
			Green	■ 3SB5400-7DE	210.-	10
		Amber	■ 3SB5400-7DL	210.-	10	
		Blue	■ 3SB5400-7DF	670.-	10	
		White†	3SB5400-7DG	210.-	10	
		Yellow	3SB5400-7DD	210.-	10	
		230 V AC 50/60 Hz	Red	■ 3SB5400-7TC	210.-	10
			Green	■ 3SB5400-7TE	210.-	10
	Amber		■ 3SB5400-7TL	210.-	10	
	Blue		■ 3SB5400-7TF	670.-	10	
	White†		3SB5400-7TG	210.-	10	
	Yellow		3SB5400-7TD	210.-	10	
220 V DC®	Red		■ 3SB5400-7HC	210.-	10	
	Green		■ 3SB5400-7HE	210.-	10	
	Amber	■ 3SB5400-7HL	210.-	10		
	Blue	■ 3SB5400-7HF	670.-	10		
	White†	3SB5400-7HG	210.-	10		
	Yellow	3SB5400-7HD	210.-	10		

Illumination Module \$ - (suitable for BA9s LED lamp)

	Voltage	Colour	Type	Unit LP ₹	Std Pkg (nos.)
	24 V AC/DC	Red	3SB5400-8CC	355.-	10
		Green	3SB5400-8CE	355.-	10
		Blue	3SB5400-8CF	355.-	10
		Yellow	3SB5400-8CD	355.-	10
	110 V AC/DC	Red	3SB5400-8FC	435.-	10
		Green	3SB5400-8FE	435.-	10
		Blue	3SB5400-8FF	435.-	10
		Yellow	3SB5400-8FD	435.-	10
	240 V AC 50/60 Hz	Red	3SB5400-8SC	525.-	10
		Green	3SB5400-8SE	525.-	10
		Blue	3SB5400-8SF	525.-	10
		Yellow	3SB5400-8SD	525.-	10

Illumination Module \$ - (suitable for BA9s FILAMENT lamp)

	Voltage	Type	Unit LP ₹	Std Pkg (nos.)
	24 V AC/DC (24 V lamp)	■ 3SB5400-6CC	120.-	10
	110 V AC/DC (130 V lamp)	■ 3SB5400-6FH	120.-	10
	230V AC/DC (130 V lamp)	■ 3SB5400-6LH	120.-	10

@ Use of bridge rectified DC source (filtered O/P) recommended
With voltage reducer † Can be used with clear lens.
** To be used with BA9s filament lamp of appropriate / required voltage.
Bulb price to be added extra in above prices.

\$ 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	70.-	10
		Green ■ 3SB5000-0AE01		
		Blue ■ 3SB5000-0AF01		
		White ■ 3SB5000-0AG01		
		Yellow ■ 3SB5000-0AD01		
		Black ■ 3SB5000-0AB01		
	Raised	Red ■ 3SB5000-0LC01	80.-	10
		Green ■ 3SB5000-0LE01		
		Blue ■ 3SB5000-0LF01		
		White ■ 3SB5000-0LG01		
		Yellow ■ 3SB5000-0LD01		
		Black ■ 3SB5000-0LB01		
Illuminated actuator (with holder for contact block)				
	Normal	Red ■ 3SB5001-0AC01-0PQ0	95.-	10
		Green ■ 3SB5001-0AE01-0PQ0		
		Amber ■ 3SB5001-0AL01-0PQ0		
		Blue ■ 3SB5001-0AF01-0PQ0		
		White ■ 3SB5001-0AG01-0PQ0		
		Yellow ■ 3SB5001-0AD01-0PQ0		
		Clear ■ 3SB5001-0AH01-0PQ0		
	Raised	Red ■ 3SB5218-0LC01-0PQ0	100.-	10
		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	235.-	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	240.-	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	230.-	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	245.-	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	85.-	10
	1NC	■ 3SB5400-0C	85.-	10
	1NO + 1 NC	■ 3SB5400-0A	160.-	10
	2 NO	■ 3SB5400-0E	160.-	10
	2 NC	■ 3SB5400-0F	160.-	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	135.-	10
	Red	■ 3SB5000-1NC01		
push to trip, turn to release	Black	■ 3SB5000-1CB01	170.-	10

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



Description	Colour	Type	Unit LP ₹	Std Pkg (nos.)
Mushroom actuator (40 mm ø) push to trip, turn to release with 1NC	Red	■ 3SB5203-0UC01	260.-	10
Mushroom actuator (40 mm ø) push to trip, turn to release	Red	3SB5000-0UC01	180.-	10
Mushroom actuator (40 mm ø) push to trip, key to release	Red	3SB5000-0TC01	1100.-	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	0 I* ■ 3SB5000-4AC01	320.-	10	
		0* I	3SB5000-4AA01	320.-	10
		0* I*	3SB5000-4AB01	320.-	10
	Momentary	0* I	■ 3SB5000-4TA01	320.-	10
		0 I*	3SB5000-4TC01	320.-	10
		0 I*	3SB5000-4TC01	320.-	10
3 position key actuator (with holder for contact block)	Maintained	0 I* II ■ 3SB5000-4HA01	420.-	10	
		0 I* II*	3SB5000-4HC01	420.-	10
		0 I* II*	3SB5000-4HB01	420.-	10
	Momentary	0 I* II	■ 3SB5000-4JA01	420.-	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	305.-
	Illuminated with 1NO & 1NC	3SB5234-7EC01	
Modular actuator with holder for contact block			
	Opaque	3SB5000-7EC01	140.-
	Illuminated	3SB5001-7EC01	

■ 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	950.-	1
1	Red mushroom momentary actuator, with 1NC contact block, "STOP"	■ 3SB5801-8AN3	1035.-	1
1	Red maintained mushroom actuator, turn to release, with 1NC contact block, "E-STOP"	■ 3SB5801-8AM3	1360.-	1
2	Normal opaque push button - Green with 1NO contact block, "START" + Normal opaque push button - Red with 1NC contact block, "STOP"	■ 3SB5802-8AC3	1180.-	1
2	Normal opaque push button - Green with 1NO contact block, "START" + Red mushroom-maintained with 1NC contact block, "STOP"	■ 3SB5802-8AE3	1500.-	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	1685.-	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	1615.-	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	2105.-	1
Plastic Enclosure				
1	Normal opaque push button - Green with 1NO contact block, "START"	3SB5801-7AA3	565.-	1
1	Red mushroom momentary actuator, with 1NC contact block, "STOP"	3SB5801-7AN3	565.-	1
1	Red maintained mushroom actuator, turn to release, with 1NC contact block, "E-STOP"	3SB5801-7AM3	610.-	1
2	Normal opaque push button - Green with 1NO contact block, "START" + Normal opaque push button - Red with 1NC contact block, "STOP"	3SB5802-7AC3	655.-	1
2	Normal opaque push button - Green with 1NO contact block, "START" + Red mushroom-maintained with 1NC contact block, "STOP"	3SB5802-7AE3	760.-	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	840.-	1

Pendant mounting : Plastic

No. of control points	Description	Type	Unit LP ₹	Std Pkg (nos.)
1	Normal opaque push button - Green with 1NO contact block, "START"	3SB5821-7AA3	1220.-	1
2	Normal opaque push button - Green with 1NO contact block, "START" + Normal opaque push button - Red with 1NC contact block, "STOP"	3SB5822-7AC3	1490.-	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	1945.-	1

Accessories for push button stations

Description	Type	Unit LP ₹	Std Pkg (nos.)
Plastic Enclosures			
1 way, Grey	3SB5801-0AC3	405.-	1
2 way, Grey	3SB5802-0AC3	345.-	1
3 way, Grey	3SB5803-0AC3	360.-	1
4 way, Grey	3SB5804-0AC3	785.-	1
6 way, Grey	3SB5806-0AC3	1085.-	1
1 way, Yellow	3SB5801-0AD3	405.-	1
Metal Enclosures			
1 way	3SB5801-4AC3	805.-	1
2 way	3SB5802-4AC3	875.-	1
3 way	3SB5803-4AC3	1225.-	1
Contact Block			
Contact block for base mounting, 1NO	■ 3SB54200B	85.-	10
Contact block for base mounting, 1NC	■ 3SB54200C	85.-	10
Illumination module BA9s lamp holder - Base Connection (For enclosures)			
Lamp Holder with Lamp 110V AC/DC	3SB5420-2PF0	120.-	10
Lamp Holder with Lamp 230V AC	3SB5420-2PLO	120.-	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	170.-	10
Blanking plug			
Blanking plug	3SB5912-0BC	40.-	10

■ Stock items



Spares and Accessories

Spares for Push button actuators

Description	Colour	Type	Unit LP ₹	Std Pkg (nos.)	
Spare coloured discs for push button actuator	Normal	Red	3SB5910-0AC	15.-	10
		Green	3SB5910-0AE		10
		Blue	3SB5910-0AF		10
		White	3SB5910-0AG		10
		Yellow	3SB5910-0AD		10
		Black	3SB5910-0AB		10
Spare coloured discs for push button actuator	Raised	Red	3SB5910-0BC	15.-	10
		Green	3SB5910-0BE		10
		Blue	3SB5910-0BF		10
		White	3SB5910-0BG		10
		Yellow	3SB5910-0BD		10
		Black	3SB5910-0BB		10
Spare coloured discs for illuminated push button actuator	Normal	Red	3SB5910-0CC	15.-	10
		Green	3SB5910-0CE		10
		Amber	3SB5910-0CR		10
		Blue	3SB5910-0CF		10
		White	3SB5910-0CG		10
		Yellow	3SB5910-0CD		10
Spare coloured discs for illuminated push button actuator	Raised	Red	3SB5910-0DC	15.-	10
		Green	3SB5910-0DE		10
		Amber	3SB5910-0DR		10
		Blue	3SB5910-0DF		10
		White	3SB5910-0DG		10
		Yellow	3SB5910-0DD		10
		Clear	3SB5910-0DH	10	
Plastic front ring		3SB5911-1BA	15.-	10	
Plastic holder with screws		3SB5912-0BA	30.-	10	

Spares for indicating lamps

Description	Type	Unit LP ₹	Std Pkg (nos.)	
Lens for Indicating lamp	Red	3SB5910-1PC	30.-	10
	Green	3SB5910-1PE		10
	Amber	3SB5910-1PR		10
	Blue	3SB5910-1PF		10
	White	3SB5910-1PG		10
	Yellow	3SB5910-1PD		10
	Clear	3SB5910-1PH		10
BA9s Filament lamp	24V/2W	3SB5902-6C	30.-	10
	130V/2.5W	3SB5902-6D		10
BA9s LED Lamp 24V AC/DC	Red	3SB5902-3FK	90.-	10
	Green	3SB5902-3GK	90.-	10
	Blue	3SB5902-3JK	275.-	10
	Yellow	3SB5902-3HK	90.-	10
Lens for illuminated twin push button	White	3SB5912-0BB	15.-	10
Tool for fitting actuators on metal enclosures		3SB5902-2BX	1295.-	1

Accessories

Description	Type	Unit LP ₹	Std Pkg (nos.)	
Inscription plates	START	■ 3SB5901-2EL	15.-	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		15.-
Thrust pad for Selector Actuators (for actuating middle module)	■ 3SB5912-0AN	15.-	10	
Adaptor plate for replacing 30 mm PB by 22 mm	■ 3SB5921-0AE	15.-	10	
E-stop Yellow dia. 75 mm for Mushroom - Blank (Yellow contrast label)	3SB5921-0AB	15.-	10	
E-stop Yellow dia. 75mm with "EMERGENCY STOP" printing	3SB5921-0AD	15.-	10	
Grip for fixing BA9s lamp	■ 3SB5902-2AD	15.-	10	
Protective Cap (IP-67) for	Normal	3SB5902-0AK	25.-	10
	Raised	3SB5902-0AN		
Metallic holder for front connection actuators (when used outside 3SB508 stations)	3SB5911-1AA	40.-	10	



■ Stock items

LP - List Price

SIEMENS

Ingenuity for life



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)

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Position Switches - 3SE5

NEW

Available from 1st December 2016

Open Type 30mm IP 10

Actuator Type		Contact Arrangement	No. of Contacts	Type	Unit LP ₹	Std. pkg. (nos.)
Open		Snap Action	1NO + 1NC	3SE5250-0YC05	450.-	10
		Slow Action		3SE5250-0BC05	450.-	10

Actuator Type		Contact Arrangement	No. of Contacts	Type	Unit LP ₹	Std. pkg. (nos.)
Open		Snap Action	1NO + 2NC	3SE5250-0LC05	750.-	10
		Slow Action	1NO + 2NC	3SE5250-0KC05	750.-	10
		Slow action contacts with make before break	1NO + 2NC	3SE5250-0MC05	750.-	10
		Slow action	2NO + 1 NC	3SE5250-0PC05	750.-	10

Plastic enclosure: Enclosed type modular unit IP 65

Basic switch

Width	Basic switch	Contact Arrangement	No. of Contacts	Type	Unit LP ₹	Std. pkg. (nos.)
31mm		Snap Action	1NO + 1NC	3SE5232-0YC05	500.-	1
		Slow Action	1NO + 1NC	3SE5232-0BC05	525.-	1
		Snap Action	1NO + 2NC	3SE5232-0LC05	750.-	1
		Slow Action	1NO + 2NC	3SE5232-0KC05	750.-	1
		Slow-action contacts with make-before-break	1NO + 2NC	3SE5232-0MC05	750.-	1
		Slow Action	2NO + 1 NC	3SE5232-0PC05	750.-	1
50mm		Snap Action	1NO + 1NC	3SE5242-0YC05	550.-	1
		Slow Action	1NO + 1NC	3SE5242-0BC05	550.-	1
		Snap Action	1NO + 2NC	3SE5242-0LC05	850.-	1
		Slow Action	1NO + 2NC	3SE5242-0KC05	850.-	1
		Slow-action contacts with make-before-break	1NO + 2NC	3SE5242-0MC05	850.-	1
		Slow Action	2NO + 1 NC	3SE5242-0PC05	850.-	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	3SE5212-0YC05	775.-	1
		Slow Action	1NO + 1NC	3SE5212-0BC05	775.-	1
		Snap Action	1NO + 2NC	3SE5212-0LC05	900.-	1
		Slow Action	1NO + 2NC	3SE5212-0KC05	900.-	1
		Slow-action contacts with make-before-break	1NO + 2NC	3SE5212-0MC05	950.-	1
		Slow Action	2NO + 1 NC	3SE5212-0PC05	950.-	1
40mm		Snap Action	1NO + 1NC	3SE5112-0YA00	800.-	1
		Slow Action	1NO + 1NC	3SE5112-0BA00	800.-	1
		Snap Action	1NO + 2NC	3SE5112-0LA00	950.-	1
		Slow Action	1NO + 2NC	3SE5112-0KA00	950.-	1
		Slow-action contacts with make-before-break	1NO + 2NC	3SE5112-0MA00	1000.-	1
		Slow Action	2NO + 1 NC	3SE5112-0PA00	1000.-	1
56mm		Snap Action	1NO + 1NC	3SE5122-0YA00	825.-	1
		Slow Action	1NO + 1NC	3SE5122-0BA00	825.-	1
		Snap Action	1NO + 2NC	3SE5122-0LA00	1150.-	1
		Slow Action	1NO + 2NC	3SE5122-0KA00	1150.-	1
		Slow-action contacts with make-before-break	1NO + 2NC	3SE5122-0MA00	1250.-	1
		Slow Action	2NO + 1 NC	3SE5122-0PA00	1250.-	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	200.-	5
Roller lever		3SE5000-0AE10	100.-	5
Angular Roller lever		3SE5000-0AF10	105.-	5
Part turn actuator for twist lever		3SE5000-0AK00	105.-	5
Twist Lever		3SE5000-0AA21	75.-	5
Twist Lever (Adjustable)		3SE5000-0AA50	165.-	5

Note: The basic switch comes with a Teflon plunger, in case of Rounder plunger requirements no need to order Actuator separately

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	220.-	5
Roller lever		3SE5000-0AE11	150.-	5
Part turn actuator for twist lever		3SE5000-0AK00	105.-	5
Twist Lever (Adjustable)		3SE5000-0AA51	195.-	5
Plain Plunger		3SE5000-0AB01	300.-	5

Plastic Roller Actuators heads for metal 40mm and 56mm

Actuator Type	Actuators heads	Type	Unit LP ₹	Std. pkg. (nos.)
Roller lever		3SE5000-0AE01	140.-	5
Angular Roller lever		3SE5000-0AF01	250.-	5
Part turn actuator for twist lever		3SE5000-0AH00	220.-	5
Twist Lever		3SE5000-0AA01	95.-	5
Twist Lever (Adjustable)		3SE5000-0AA50	165.-	5
Fork type		3SE5000-0AT01	100.-	5
Mounting Head for Fork Type		3SE5000-0AT10	950.-	5

Metal Roller Actuators heads for metal 40mm and 56mm

Actuator Type	Actuators heads	Type	Unit LP ₹	Std. pkg. (nos.)
Rounded Plunger		3SE5000-0AC02	175.-	5
Roller Plunger		3SE5000-0AD02	260.-	5
Roller lever		3SE5000-0AE02	180.-	5
Angular Roller lever		3SE5000-0AF02	275.-	5
Part turn actuator for twist lever		3SE5000-0AH00	220.-	5
Twist Lever		3SE5000-0AA02	115.-	5
Twist Lever (Adjustable)		3SE5000-0AA51	195.-	5

Spare and Accessories

Actuator Type		Description	Type	Unit LP ₹	Std. pkg. (nos.)
Empty enclosures		Empty enclosures without contact block	3SE5250-0AC05	200.-	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*	400.-	10
		Snap action		3SE5000-0YA00	400.-	10
		Slow action		3SE5000-0BA00	400.-	10
		Snap action		3SE5000-0YA00	400.-	10
		Slow action	1NO + 2NC	3SE5000-0KA00	525.-	10
		Snap action		3SE5000-0LA00	525.-	10
		Slow-action contacts with make-before-break		3SE5000-0MA00	550.-	10
		Slow action		2NO + 1 NC	3SE5000-0PA00	550.-

Note: 3SE5000-0BA00 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	525.-	5
Protective Cap		Protective Cap. Acc. to EN50047, for protection of rounded plunger	3SE5000-0AC30	25.-	5

Actuator Type		Type	Type	Unit LP ₹	Std. pkg. (nos.)
31MM		Plastic	3SE5232-0AC05	375.-	1
50MM			3SE5242-0AC05	550.-	1
31MM		Metal	3SE5212-0AC05	600.-	1
40MM			3SE5112-0AA00	750.-	1
56MM			3SE5122-0AA00	1000.-	1



Open type limit switches - SICONT 3SE3



Angular roller lever



Normal roller lever



Crank lever



Over travel plunger



Push-rod



Open type

Limit switches with 2 contacts (open type)

Actuator type	Contacts		Type	Unit LP ₹	Std. pkg. (nos.)
	Arrangement	No. of contacts			
Push-rod and plastic protective cover	Normal	1NO + 1NC	■ 3SE3020-0A	465.-	10
	Snap action		■ 3SE3020-1A	530.-	10
	Overlapping		3SE3020-3A	465.-	10

Limit switches with 3 contacts (open type)

Actuator type	Contacts		Type	Unit LP ₹	Std. pkg. (nos.)
	Arrangement	No. of contacts			
Push-rod and plastic protective cover	Normal	1NO + 2NC 2NO + 1NC	■ 3SE3023-0A	825.-	10
			■ 3SE3023-1A		
	Overlapping	1NO + 2NC 2NO + 1NC	3SE3023-2A	825.-	10
			3SE3023-3A		

Oil tight limit switches (2/3/4 contacts) - SICONT 3SE3

Limit switches with 2 contacts -

In oil-tight die cast aluminium housing - IP67 (56mm width)

Actuator type	Contacts		56mm		
	Arrangement	No. of contacts	Type	Unit LP ₹	Std. pkg. (nos.)
Push-rod	Normal	1NO + 1NC	■ 3SE3100-0B	915.-	1
	Snap action		■ 3SE3100-1B		
	Overlapping		3SE3100-3B		
Normal roller lever	Normal	1NO + 1NC	■ 3SE3100-0E	975.-	1
	Snap action		■ 3SE3100-1E		
	Overlapping		3SE3100-3E		
Angular roller lever	Normal	1NO + 1NC	3SE3100-0F	970.-	1
	Snap action		3SE3100-1F		
	Overlapping		3SE3100-3F		
Crank lever	Normal	1NO + 1NC	3SE3100-0G	1460.-	1
	Snap action		3SE3100-1G		
	Overlapping		3SE3100-3G		
Over travel plunger	Normal	1NO + 1NC	3SE3100-0C	1135.-	1
	Snap action		3SE3100-1C		
	Overlapping		3SE3100-3C		
Roller plunger	Normal	1NO + 1NC	3SE3100-0D	1125.-	1
	Snap action		3SE3100-1D		
	Overlapping		3SE3100-3D		
Adjustable length roller crank	Normal	1NO + 1NC	3SE3100-0U	1505.-	1
	Snap action		3SE3100-1U		
	Overlapping		3SE3100-3U		

Limit switches with 2 contacts -

In oil-tight die cast aluminium housing - IP67 (40mm width)

Actuator type	Contacts		40mm		
	Arrangement	No. of contacts	Type	Unit LP ₹	Std. pkg. (nos.)
Push-rod	Normal	1NO + 1NC	3SE3120-0B	870.-	1
	Snap action		3SE3120-1B		
Normal roller lever	Normal	1NO + 1NC	3SE3120-0E	975.-	1
	Snap action		3SE3120-1E		
Angular roller lever	Normal	1NO + 1NC	3SE3120-0F	920.-	1
	Snap action		3SE3120-1F		
Crank lever	Normal	1NO + 1NC	3SE3120-0G	1375.-	1
	Snap action		3SE3120-1G		
Over travel plunger	Normal	1NO + 1NC	3SE3120-0C	1000.-	1
	Snap action		3SE3120-1C		
Roller plunger	Normal	1NO + 1NC	3SE3120-0D	1250.-	1
	Snap action		3SE3120-1D		
Adjustable length roller crank	Normal	1NO + 1NC	3SE3120-0U	1390.-	1
	Snap action		3SE3120-1U		

Limit switches with 3 and 4 contacts -

In oil-tight die cast aluminium housing - IP67 (56mm width)

Actuator type	Contacts		Type	Unit LP ₹	Std. pkg. (nos.)
	Arrangement	No. of contacts			
Push-rod	Normal	1NO + 2NC 2NO + 1NC	3SE3303-0B	1060.-	5
	Normal		3SE3303-1B		
	Normal	2NO + 2NC 2NO + 2NC	3SE3404-0B	1295.-	5
	Snap action		3SE3404-1B		
Normal roller lever	Normal	1NO + 2NC 2NO + 1NC	3SE3303-0E	1125.-	5
	Normal		3SE3303-1E		
	Normal	2NO + 2NC 2NO + 2NC	3SE3404-0E	1260.-	5
	Snap action		3SE3404-1E		
Angular roller lever	Normal	1NO + 2NC 2NO + 1NC	3SE3303-0F	1240.-	5
	Normal		3SE3303-1F		
	Normal	2NO + 2NC 2NO + 2NC	3SE3404-0F	1465.-	5
	Snap action		3SE3404-1F		

Spares for 3SE3 100 and 3SE3 120 – actuators

Actuator type	For limit switch type	Type	Unit LP ₹	Std. pkg. (nos.)
Push rod	3SE3 ...-B	3SX3100	415.-	5
Normal roller lever	3SE3 ...-E	3SX3102	460.-	5
Angular roller lever	3SE3 ...-F	3SX3104	475.-	5
Crank lever	3SE3 ...-G	3SX3110	280.-	5
Over travel plunger	3SE3 ...-C	3SX3106	475.-	5
Roller plunger	3SE3 ...-D	3SX3107	525.-	5
Adjustable roller crank lever	3SE3 ...-U	3SX3114	280.-	5
Operating head	3SE3 ...-U 3SE3 ...-G	3SX3120	460.-	5

Spares for 3SE3 100 and 3SE3 120 – contact blocks

Contact arrangement	Type	Unit LP ₹	Std. pkg. (nos.)
Normal, 1NO + 1NC	3SE3000-0A	490.-	10
Snap action, 1NO + 1NC	■ 3SE3000-1A	530.-	10
Overlapping, 1NO + 1NC	3SE3000-3A	490.-	10

■ Stock items

Please order in multiples of standard packing.

MRP - Maximum Retail Price

LP - List Price

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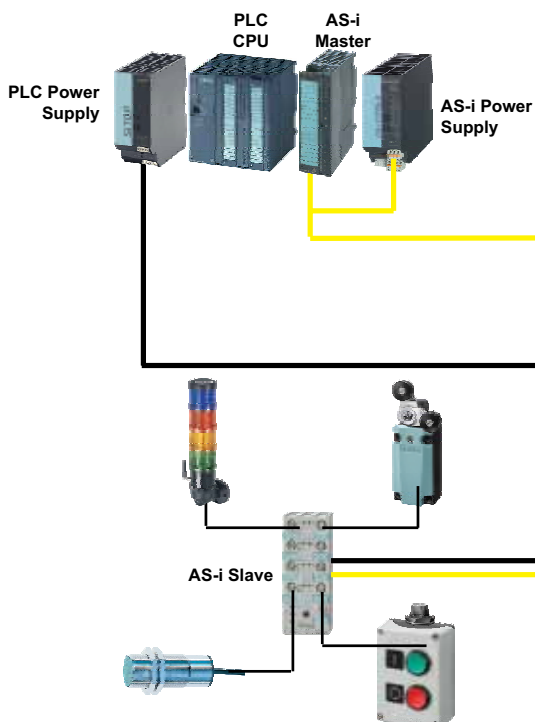
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SIMOCODE Pro

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

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

Prices available on request

Operator Panel (Optional)

Description	Type
Operator Panel (for Pro S)	3UF7200-1AA01-0
Operator Panel (for Pro C, Pro V)	3UF7200-1AA00-0
Operator Panel with Display (for Pro V)	3UF7210-1AA00-0

Connecting Cable

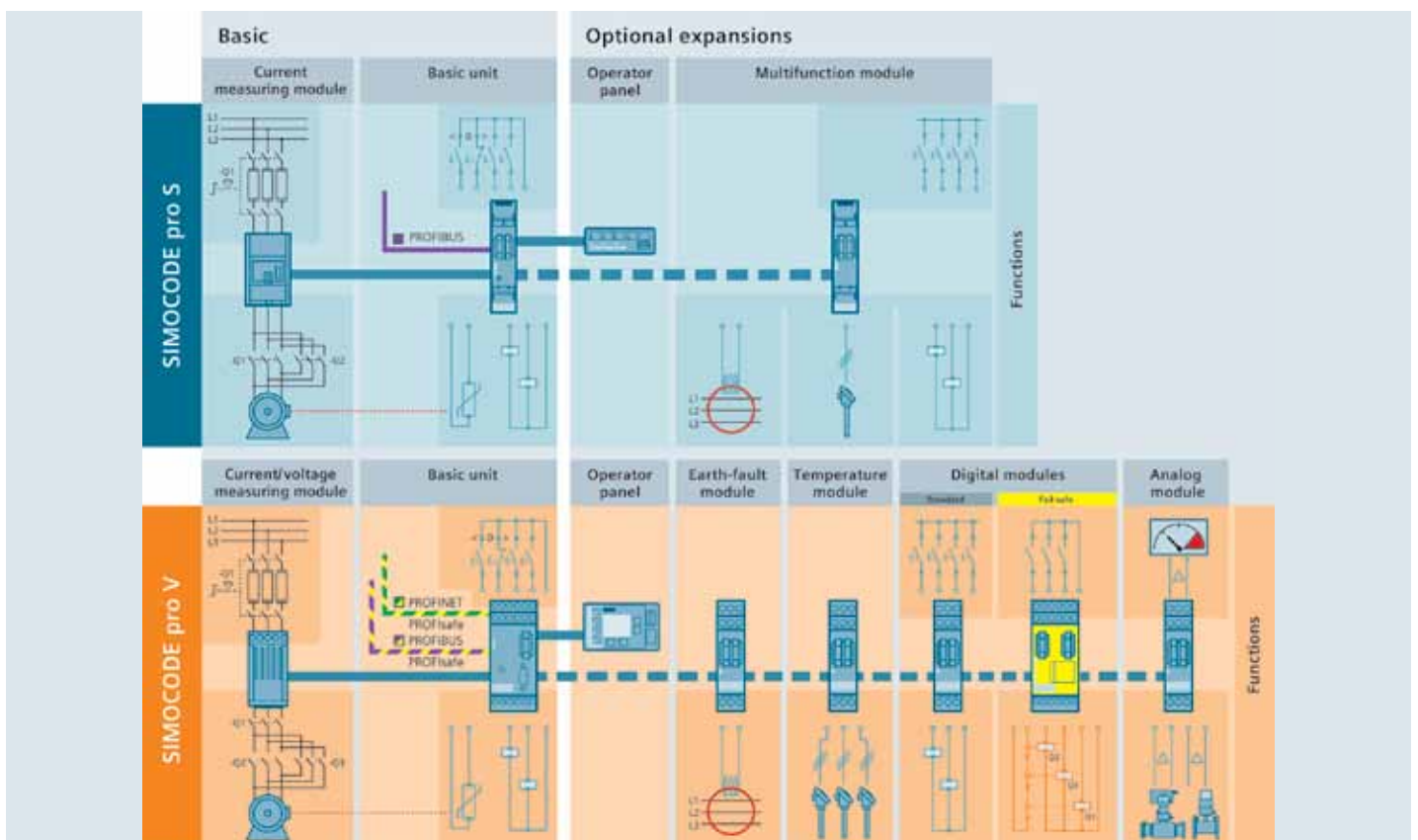
Description	Type
Side by Side (0.025m flat)	3UF7930-0AA00-0
Length 0.1m (flat)	3UF7931-0AA00-0
Length 0.3m (flat)	3UF7935-0AA00-0
Length 0.5m (flat)	3UF7932-0AA00-0
Length 0.5m (round)	3UF7932-0BA00-0
Length 1m (round)	3UF7937-0BA00-0
Length 2.5m (round)	3UF7933-0BA00-0

Configuration Software

Description	Type
SIMOCODE ES Premium Package - Floating License	3ZS1312-6CC10-0YA5
SIMOCODE ES V13 (TIA PORTAL) Premium Package - Floating License	3ZS1322-6CC11-0YA5

Accessories

Description	Type
PC Cable for PC/PG communication - USB connection	3UF7941-0AA00-0
Memory Module for pro S, pro C & pro V on Profibus	3UF7900-0AA00-0
Memory Module for pro V PN on Profinet	3UF7901-0AA00-0
Addressing Plug for pro S, pro C & pro V on Profibus	3UF7910-0AA00-0
Door Adaptor	3UF7920-0AA00-0



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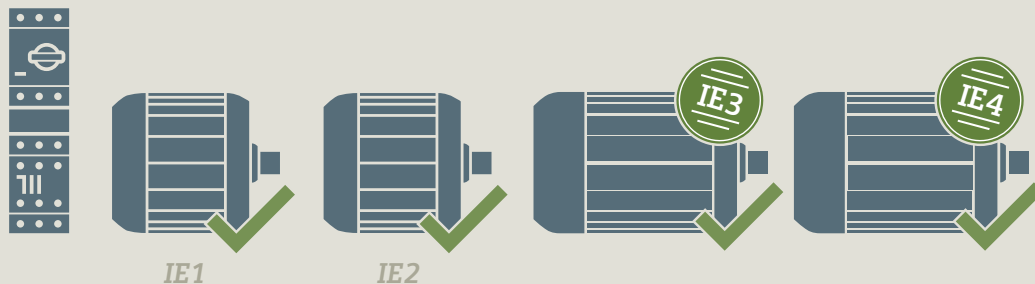
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Relay enable circuit	Semiconductor enable circuit	Output Contacts				Rated control supply voltage	Unit LP ₹	MOQ
		EC	SC (signalling)	EC (td)	Adjustable Time Delay (td)			
SIRIUS 3SK1 standard basic units								
3SK1111-1AB30		3	1	--	--	24V AC/DC	16645.-	1
3SK1111-1AW20		3	1	--	--	110-240V AC/DC	16645.-	1
	3SK1112-1BB40	2	1	--	--	24V DC	15300.-	1
SIRIUS 3SK1 advanced basic units								
3SK1121-1CB41		2	--	2	0.05...3 Sec	24V DC	25500.-	1
3SK1121-1CB42		2	--	2	0.5...30 Sec	24V DC	25500.-	1
3SK1121-1CB44		2	--	2	5.0...300Sec	24V DC	25500.-	1
	3SK1122-1CB41	2	--	2	0.05...3 Sec	24V DC	15300.-	1
	3SK1122-1CB42	2	--	2	0.5...30 Sec	24V DC	15300.-	1
	3SK1122-1CB44	2	--	2	5.0...300Sec	24V DC	15300.-	1
SIRIUS 3SK1 Output expansion module								
3SK1211-1BB00		4	1			24V AC	14995.-	1
3SK1211-1BB40		4	1			24V DC	14995.-	1
3SK1211-1BW20		4	1			110-240V AC/DC	14995.-	1

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



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



Fuseless selection type 2, Iq = 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.
 - Tested Type 2 combinations
 - 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 ⁵		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	3RV2011-1CA10	2.5	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	3RV2011-1GA10	6.3	3RT2024	12	#	4.5 ... 5.5
3	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	3RV2021-4DA10	25	3RT2027	32	#	18 ... 23
15	29	3RV2021-4EA10	32	3RT2027	32	#	27 ... 30 *
18.5	35	3RV2031-4UA10	40	3RT2035	40	#	32 ... 35
22	41	3RV2031-4WA10	52	3RT2036	50	#	42 ... 49
30	55	3RV2031-4JA10	65	3RT2037	65	#	54 ... 62
37	66	3RV2031-4KA10	73	3RT2038	80	#	62 ... 70
45	80	3RV2031-4RA10	80	3RT2038	80	#	70 ... 77 **

* Starting current up to 256A
 ** Starting current up to 720A
 \$ 3RV21 'relay function' motor protection circuit-breaker can also be used in place of 3RV10 / 3RV20 motor protection circuit-breaker respectively

Star-Delta feeder, for Low LCC (Refer chart on page no. 80)

Contact the nearest Siemens Partner for higher ratings

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, Iq = 50kA, IS/IEC:60947-4-1 (3RV/3VL 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.
- Tested Type 2 combinations
- 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	1.5	3RV2011-1AA10	1.6	3RT2015	7	#	1.1 ... 1.6
0.75	1.9	3RV2011-1BA10	2	3RT2015	7	#	1.4 ... 2
1.1	2.7	3RV2011-1DA10	3.2	3RT2015	7	#	2.2 ... 3.2
1.5	3.6	3RV2011-1EA10	4	3RT2015	7	#	2.8 ... 4
2.2	5	3RV2011-1GA10	6.3	3RT2024	12	#	4.5 ... 6.3
3	6.5	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	15.5	3RV2011-4AA10	16	3RT2026	25	#	11.....16
11	22	3RV2021-4DA10	25	3RT2027	32	#	20 ... 25
15	29	3RV2021-4EA10	32	3RT2027	32	#	27 ... 32
18.5	34	3RV2031-4UA10	40	3RT2035	40	#	32 ... 40
22	40	3RV2031-4VA10	45	3RT2036	50	#	35 ... 45
30	53	3RV1041-4JA10	63	3RT1044	65	#	45 ... 63
37	65	3RV1041-4KA10	75	3RT1045	80	#	57 ... 75
45	78	3RV1041-4LA10	90	3RT1046	95	#	70 ... 90
55	96	3RV1041-4MA10	100	3RT1054	115	#	80 ... 100
55	96	3VL2710-1DK36-0AA0	100	3RT1054	115	3RU1146-4MB0	80 ... 100
75	132	3VL2716-1DK36-0AA0	160	3RT1055	150	3RU2156-5DB10-8K	110 ... 160
90	160	3VL3725-1DK36-0AA0	250	3RT1056	185	3RU2156-5EB10-8K	140 ... 200
110	195	3VL3725-1DK36-0AA0	250	3RT1064	225	3RU2166-5FB10-8K	180 ... 250
132	230	3VL3725-1DK36-0AA0	250	3RT1065	265	3RU2166-5FB10-8K	180 ... 250
160	280	3VL4731-1DK36-0AA0	315	3RT1066	300	3RU2166-5GB10-8K	220 ... 320
200	350	3VL5750-1DK36-0AA0	500	3RT1075	400	3RU2176-5HB10-8K	280 ... 400
250	430	3VL5750-1DK36-0AA0	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

Star-Delta feeder, for Low LCC

Suitable for IE2/IE3/IE4 Motors

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	6.5	3RV2321-4AC10	16	3RT2026	25	3RT2015	7	3RU2126-1HB0	5.5 - 8	3RP15
7.5	15.5	9.2	3RV2321-4BC10	20	3RT2026	25	3RT2015	7	3RU2126-1JB0	7-10	3RP15
11	22	12	3RV2321-4DC10	25	3RT2027	32	3RT2024	12	3RU2126-4AB0	11...16	3RP15
15	29	16.2	3RV2321-4EC10	32	3RT2027	32	3RT2024	12	3RU2126-4BB0	14 ... 20	3RP15
18.5	34	19.7	3RV2331-4UC10	40	3RT2035	40	3RT2027	32	3RU2136-4DB0	18 ... 25	3RP15
22	40	23.2	3RV2331-4VC10	45	3RT2036	50	3RT2027	32	3RU2136-4EB0	22 ... 32	3RP15
30	53	30.6	3RV2332-4JC10	65	3RT2037	65	3RT2035	40	3RU2136-4FB0	28 ... 40	3RP15
37	65	37.5	3RV2331-4KC10	73	3RT2038	80	3RT2035	40	3RU2136-4GB0	36 ... 45	3RP15
45	78	45	3RV2331-4RC10	80	3RT2038	80	3RT2035	40	3RU2136-4HB0	40 ... 50	3RP15
55	96	55.4	3RV1341-4MC10	100	3RT1054	115	3RT1044	65	3RU1146-4JB0	45 ... 63	3RP15
55	96	55.4	3VL2710-1DK36-0AA0	100	3RT1054	115	3RT1044	65	3RU1146-4JB0	45 ... 63	3RP15
75	131	75.6	3VL2716-1DK36-0AA0	160	3RT1055	150	3RT1044	65	3RU1146-4LB0	70 ... 90	3RP15
90	156	90.1	3VL3725-1DK36-0AA0	250	3RT1056	185	3RT1044	65	3RU1146-4MB0	80 ... 100	3RP15
110	195	113	3VL3725-1DK36-0AA0	250	3RT1064	225	3RT1054	115	3RU2156-5CB10-8K	90 ... 125	3RP15
132	230	133	3VL3725-1DK36-0AA0	250	3RT1065	265	3RT1054	115	3RU2156-5DB10-8K	110 ... 160	3RP15
160	280	162	3VL4731-1DK36-0AA0	315	3RT1066	300	3RT1054	115	3RU2156-5EB10-8K	140 ... 200	3RP15
200	350	202	3VL5750-1DK36-0AA0	500	3RT1076	500	3RT1056	185	3RU2166-5FB10-8K	180 ... 250	3RP15
250	430	248	3VL5750-1DK36-0AA0	500	3RT1076	500	3RT1065	265	3RU2166-5GB10-8K	220 ... 320	3RP15

Fuse protected selection type 2, Iq = 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 + Birelay (+ 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	3KL811	20	3NA78040RC	4	3RT2015	7	3RU2116-0KB0	0.9 ... 1.25
0.55	1.3	3KL811	20	3NA78040RC	4	3RT2015	7	3RU2116-1AB0	1.1 ... 1.6
0.75	1.9	3KL811	20	3NA78010RC	6	3RT2015	7	3RU2116-1BB0	1.4 ... 2
1.1	2.6	3KL811	20	3NA78010RC	6	3RT2015	7	3RU2116-1DB0	2.2 ... 3.2
1.5	3.7	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	7.8	3KL811	20	3NA78070RC	20	3RT2023	9	3RU2126-1JB0	7...10
5.5	11.2	3KL812	32	3NA78100RC	25	3RT2024	12	3RU2126-1KB0	9 ... 12.5
7.5	16	3KL812	32	3NA78120RC	32	3RT2025	17	3RU2126-4AB0	11 ... 16
11	20.8	3KL815	63	3NA78200RC	50	3RT2026	25	3RU2126-4DB0	20 ... 25
15	28	3KL815	63	3NA78220RC	63	3RT2027	32	3RU2126-4EB0	27 ... 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	53	3KL821	100	3NA78300RC	100	3RT1044	65	3RU1146-4JB0	45 ... 63
37	65	3KL822	125	3NA78320RC	125	3RT1045	80	3RU1146-4KB0	57 ... 75
45	78	3KL822	125	3NA78320RC	125	3RT1046	95	3RU1146-4LB0	70 ... 90
55	96	3KL823	160	3NA78360RC	160	3RT1054	115	3RU1146-4MB0	80 ... 100
75	132	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	195	3KL832	250	3NA71440RC	250	3RT1064	225	3RU2166-5FB10-8K	180 ... 250
132	230	3KL833	315	3NA72520RC	315	3RT1065	265	3RU2166-5FB10-8K	180 ... 250
160	280	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	16	9.2	3KL811	20	3NA78070RC	20	3RT2024	12	3RT2023	9	3RU2126-1JB0	7 ... 10	3RP15
11	20.8	12	3KL812	32	3NA78100RC	25	3RT2024	12	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	53	30.6	3KL821	100	3NA78220RC	80	3RT2035	40	3RT2026	25	3RU2136-4EB0	22 ... 32	3RP15
37	65	37.5	3KL821	100	3NA78240RC	80	3RT2035	40	3RT2027	32	3RU2136-4FB0	28 ... 40	3RP15
45	78	45	3KL821	100	3NA78300RC	100	3RT2036	50	3RT2028	40	3RU2136-4HB0	40 ... 50	3RP15
55	96	55.4	3KL821	100	3NA78300RC	100	3RT2037	65	3RT2035	40	3RU2136-4JB0	54 ... 65	3RP15
75	131	75.6	3KL823	160	3NA78360RC	160	3RT1045	80	3RT1044	65	3RU1146-4LB0	70 ... 90	3RP15
90	156	90.1	3KL823	160	3NA78360RC	160	3RT1046	95	3RT1044	65	3RU1146-4MB0	80 ... 100	3RP15
110	195	113	3KL831	200	3NA71400RC	200	3RT1054	115	3RT1054	115	3RU2156-5CB10-8K	90 ... 125	3RP15
132	230	133	3KL832	250	3NA71440RC	250	3RT1055	150	3RT1054	115	3RU2156-5DB10-8K	110 ... 160	3RP15
160	280	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	3RT1065	265	3RT1065	265	3RU2166-5GB10-8K	220 ... 320	3RP15

Fuseless selection type 2, Iq = 50kA, IS/IEC:60947-4-1 (3RV/3VL with 3TF & 3UA)

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 with starting time ≤ 6 seconds. (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.
- Recommended selection.
- 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 (60°C)	Range (A)
0.37	1	3RV2111-0KA10	1.25	3TF30	9	#	0.9 - 1.25
0.55	1.3	3RV2111-1AA10	1.6	3TF30	9	#	1.1 - 1.6
0.75	1.9	3RV2111-1BA10	2	3TF30	9	#	1.4 - 2
1.1	2.6	3RV2111-1DA10	3.2	3TF31	12	#	2.2 - 3.2
1.5	3.7	3RV2111-1EA10	4	3TF32	16	#	2.8 - 4
2.2	4.8	3RV2111-1GA10	6.3	3TF32	16	#	3.5 - 5
3.7	7.8	3RV2111-1JA10	10	3TF32	16	#	5.5 - 8
5.5	11.2	3RV2111-1KA10	12.5	3TF34	32	#	9 - 12.5
7.5	16	3RV2121-4BA10	20	3TF34	32	#	11 - 16
9.3	19	3RV2121-4CA10	22	3TF34	32	#	14 - 20
11	20.8	3RV2121-4DA10	25	3TF34	32	#	17 - 22
15	28	3RV2131-4EA10	32	3TF35	38	#	22 - 32
18.5	34	3RV2131-4UA10	40	3TF46	45	#	28 - 40
22	40	3RV2131-4VA10	45	3TF48	75	#	36 - 45
30	53	3RV1142-4JA10	63	3TF48	75	#	45 - 63
37	65	3RV1142-4KA10	75	3TF50	110	#	57 - 75
45	78	3RV1142-4LA10	90	3TF50	110	#	70 - 90
55	96	3RV1142-4MA10	100	3TF52	170	#	80 - 100
75	131	3VL2716-1DK36-0AA0	160	3TF52	170	3UA6230-5A	85 - 135
90	156	3VL3725-1DK36-0AA0	250	3TF53	205	3UA6230-5B	115 - 180
110	189	3VL3725-1DK36-0AA0	250	3TF53	205	3UA6230-5C	160 - 250
132	227	3VL3725-1DK36-0AA0	250	3TF54	250	3UA6230-5C	160 - 250
160	271	3VL4731-1DK36-0AA0	315	3TF55	300	3UA6230-5D	200 - 320
200	339	3VL5750-1DK36-0AA0	500	3TF57	475	3UA6230-5E	250 - 400
250	398	3VL5750-1DK36-0AA0	500	3TF57	475	3UA6830-5F	320 - 500

3RV11 / 3RV21 comes with integral relay function, hence external birelay is eliminated. (3RV20 / 3RV10 MPCB with 'standard release' can also be used.)

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 Amp	I _{ph} A	Type	Amp	Type	Amp	Type	Amp	Type (50°C)	Range (A)	Type
3.7	7.8	4.5	3RV2311-1HC10	8	3TF32	16	3TF30	9	3UA5200-1F	3.2 - 5	3RP15
5.5	11.2	6.5	3RV2311-1KC10	12.5	3TF34	32	3TF30	9	3UA5200-1H	5 - 8	3RP15
7.5	16	9.2	3RV2311-4AC10	16	3TF34	32	3TF30	9	3UA5200-1J	6.3 - 10	3RP15
9.3	19	11	3RV2321-4CC10	22	3TF34	32	3TF30	9	3UA5200-1K	8 - 12.5	3RP15
11	20.8	12	3RV2321-4CC10	22	3TF34	32	3TF30	9	3UA5200-1K	8 - 12.5	3RP15
15	28	16.2	3RV2321-4EC10	32	3TF35	38	3TF32	16	3UA5200-2B	12.5 - 20	3RP15
18.5	34	19.7	3RV23314UC10	40	3TF46	45	3TF34	32	3UA5200-2C	16 - 25	3RP15
22	40	23.2	3RV23314VC10	45	3TF48	75	3TF34	32	3UA5200-2C	16 - 25	3RP15
30	53	30.6	3RV1341-4JC10	63	3TF48	75	3TF34	32	3UA5500-2D	20 - 32	3RP15
37	65	37.5	3RV1341-4KC10	75	3TF50	110	3TF34	32	3UA5500-2R	32 - 40	3RP15
45	78	45	3RV1341-4LC10	90	3TF50	110	3TF34	32	3UA5500-8M	36 - 45	3RP15
55	96	55.4	3RV1341-4MC10	100	3TF52	170	3TF34	32	3UA5800-2TZ1	40 - 57	3RP15
75	131	75.6	3VL2716-1DK36-0AA0	160	3TF52	170	3TF47	63	3UA5800-8YZ1	70 - 95	3RP15
90	156	90.1	3VL3725-1DK36-0AA0	250	3TF53	205	3TF47	63	3UA5830-5B	70 - 95	3RP15
110	189	109	3VL3725-1DK36-0AA0	250	3TF53	205	3TF50	110	3UA5830-5D	95 - 120	3RP15
132	227	131.1	3VL3725-1DK36-0AA0	250	3TF54	250	3TF50	110	3UA6230-5B	115 - 180	3RP15
160	271	156.5	3VL4731-1DK36-0AA0	315	3TF55	300	3TF50	110	3UA6230-5B	115 - 180	3RP15
200	339	195.7	3VL5750-1DK36-0AA0	500	3TF57	475	3TF52	170	3UA6230-5C	160 - 250	3RP15
250	398	229.8	3VL5750-1DK36-0AA0	500	3TF57	475	3TF54	250	3UA6230-5D	160 - 250	3RP15

Fuse protected selection type 2, Iq = 50kA, IS/IEC:60947-4-1 (3KL with 3TF & 3UA)

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 with starting time ≤ 6 seconds. (For heavy starting applications e.g. ID/FD fans, reciprocating compressor, ball mills etc., please consult Siemens.)
- At 60°C service temperature the bi-relay has to be derated. The bi-relay can be used upto the maximum current setting indicated. For example - A bi-relay with setting 32-50A, at 60°C can be used only upto 47A. This however does not mean that at 60°C, the 50A setting corresponds to 47A. It means that, the bi-relay should not be set beyond 47A.
- 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	Motor	SDF		HRC Fuse		Contactor		Bi-Relay		Bi-Relay	
kW 415V, 3ph, 50Hz	I _L Amp	Type	Rating	Type	Amp	Type	Amp	Type (50°C)	Set-Range Amp	Type (60°C)	Available Set-Range Amp
0.37	1	3KL811	20	3NA78040RC	4	3TF30	9	3UA5000-0K	0.8 - 1.25	3UA5000-0K	0.8 - 1.17
0.55	1.3	3KL811	20	3NA78040RC	4	3TF30	9	3UA5000-1A	1 - 1.6	3UA5000-1A	1 - 1.5
0.75	1.9	3KL811	20	3NA78010RC	6	3TF30	9	3UA5000-1B	1.25 - 2	3UA5000-1C	1.6 - 2.3
1.1	2.6	3KL811	20	3NA78010RC	6	3TF30	9	3UA5000-1D	2 - 3.2	3UA5000-1D	2 - 3
1.5	3.7	3KL811	20	3NA78030RC	10	3TF30	9	3UA5000-1E	2.5 - 4	3UA5000-1E	2.5 - 3.7
2.2	4.8	3KL811	20	3NA78050RC	16	3TF30	9	3UA5000-1F	3.2 - 5	3UA5000-1G	4 - 5.9
3.7	7.8	3KL811	20	3NA78070RC	20	3TF30	9	3UA5000-1H	5 - 8	3UA5000-1J	6.3 - 9.4
5.5	11.2	3KL812	32	3NA78100RC	25	3TF31	12	3UA5000-1K	8 - 12.5	3UA5000-1K	8 - 11.7
7.5	16	3KL812	32	3NA78120RC	32	3TF32	16	3UA5200-2A	10 - 16	3UA5200-2B	12.5 - 18.7
9.3	19	3KL815	63	3NA78200RC	50	3TF34	32	3UA5500-2B	12.5 - 20	3UA5500-2C	16 - 23.4
11	20.8	3KL815	63	3NA78200RC	50	3TF34	32	3UA5500-2C	16 - 25	3UA5500-2C	16 - 23.4
15	28	3KL815	63	3NA78220RC	63	3TF34	32	3UA5500-2D	20 - 32	3UA5500-2D	20 - 30
18.5	34	3KL815	63	3NA78220RC	63	3TF35	38	3UA5500-2Q	25 - 36	3UA5500-2R	32 - 37.4
22	40	3KL821	100	3NA78240RC	80	3TF46	45	3UA5800-2FZ1	32 - 50	3UA5800-2FZ1	32 - 47
30	53	3KL821	100	3NA78300RC	100	3TF47	63	3UA5800-2TZ1	40 - 57	3UA5800-2PZ1	50 - 59
37	65	3KL822	125	3NA78320RC	125	3TF477	70	3UA5800-2VZ2	57 - 70	3UA5800-2VZ2	57 - 65.5
45	78	3KL822	125	3NA78320RC	125	3TF49	85	3UA5800-8YZ1	70 - 95	3UA5800-8YZ1	70 - 88.9
55	96	3KL823	160	3NA78360RC	160	3TF50	110	3UA5830-5C	85 - 105	3UA5830-5C	85 - 98.2
75	131	3KL831	200	3NA71400RC	200	3TF51	140	3UA6230-5A	85 - 135	3UA6230-5B	115 - 168
90	156	3KL832	250	3NA71440RC	250	3TF52	170	3UA6230-5B	115 - 180	3UA6230-5B	115 - 168
110	189	3KL832	250	3NA71440RC	250	3TF53	205	3UA6230-5C	160 - 250	3UA6230-5C	160 - 234
132	227	3KL833	315	3NA72520RC	315	3TF54	250	3UA6230-5C	160 - 250	3UA6230-5C	160 - 234
160	271	3KL834	400	3NA72600RC	400	3TF55	300	3UA6230-5D	200 - 320	3UA6230-5D	200 - 299
200	339	3KL841	500	3NA33650RC	500	3TF56	400	3UA6230-5E	250 - 400	3UA6230-5E	250 - 374
250	398	3KL841	500	3NA33650RC	500	3TF57	475	3UA6830-5F	320 - 500	3UA6830-5F	320 - 468

Star-Delta feeder, for Low LCC

SL Motor	Motor		SDF		HRC Fuses		Contactor Line/Delta		Contactor Star		Bi-Relay		Bi-Relay		Timer
kW 415V, 3ph, 50Hz	I _L Amp	I _{ph} Amp	Type	Rating	Type	Amp	Type	Amp	Type	Amp	Type (50°C)	Set-Range Amp	Type (60°C)	Available Set-Range Amp	Type
3.7	7.8	4.5	3KL811	20	3NA78030RC	10	3TF30	9	3TF30	9	3UA5000-1F	3.2-5	3UA5000-1F	3.2-4.7	3RP15
5.5	11.2	6.5	3KL811	20	3NA78050RC	16	3TF30	9	3TF30	9	3UA5000-1H	5-8	3UA5000-1H	5-7.5	3RP15
7.5	16	9.2	3KL811	20	3NA78070RC	20	3TF31	12	3TF30	9	3UA5000-1J	6.3-10	3UA5000-1J	6.3-9.4	3RP15
9.3	19	11	3KL812	32	3NA78100RC	25	3TF31	12	3TF30	9	3UA5000-1K	8-12.5	3UA5000-1K	8-11.7	3RP15
11	20.8	12	3KL812	32	3NA78100RC	25	3TF31	12	3TF30	9	3UA5000-1K	8-12.5	3UA5000-2S	10-13.6	3RP15
15	28	16.2	3KL812	32	3NA78120RC	32	3TF33	22	3TF32	16	3UA5200-2B	12.5-20	3UA5200-2B	12.5-18.7	3RP15
18.5	34	19.7	3KL815	63	3NA78200RC	50	3TF34	32	3TF34	32	3UA5500-2B	12.5-20	3UA5500-2C	16-23.4	3RP15
22	40	23.2	3KL815	63	3NA78200RC	50	3TF34	32	3TF34	32	3UA5500-2C	16-25	3UA5500-2D	22-30	3RP15
30	53	30.6	3KL815	63	3NA78220RC	63	3TF34	32	3TF34	32	3UA5500-2D	20-32	3UA5500-2Q	25-33.7	3RP15
37	65	37.5	3KL821	100	3NA78240RC	80	3TF35	38	3TF34	32	3UA5500-2R	32-40	3UA5500-8M	36-45	3RP15
45	78	45	3KL821	100	3NA78300RC	100	3TF46	45	3TF34	32	3UA5800-2FZ1	32-50	3UA5800-2FZ1	32-47	3RP15
55	96	55.4	3KL821	100	3NA78300RC	100	3TF47	63	3TF34	32	3UA5800-2TZ1	40-57	3UA5800-2PZ1	50-59	3RP15
75	131	75.6	3KL823	160	3NA78360RC	160	3TF49	85	3TF47	63	3UA5800-8YZ1	70-95	3UA5800-8YZ1	70-88.9	3RP15
90	156	90.1	3KL823	160	3NA78360RC	160	3TF50	110	3TF47	63	3UA5830-5B	70-95	3UA5830-5C	85-98.2	3RP15
110	189	109	3KL831	200	3NA71400RC	200	3TF50	110	3TF50	110	3UA5830-5D	95-120	3UA5830-5D	95-112	3RP15
132	227	131.1	3KL832	250	3NA71440RC	250	3TF51	140	3TF50	110	3UA6230-5B	115-180	3UA6230-5B	115-168	3RP15
160	271	156.5	3KL833	315	3NA72520RC	315	3TF52	170	3TF50	110	3UA6230-5B	115-180	3UA6230-5B	115-168	3RP15
200	339	195.7	3KL834	400	3NA72600RC	400	3TF54	250	3TF52	170	3UA6230-5C	160-250	3UA6230-5C	160-234	3RP15
250	398	229.8	3KL841	500	3NA72600RC	400	3TF54	250	3TF54	250	3UA6230-5C	160-250	3UA6230-5D	200-299	3RP15

Fuseless selection Iq = 50 kA, IS/IEC:60947-4-1 (3VT with 3RT & 3RU)

Suitable for IE2 motors

- The selection is valid only for complete Siemens combinations i.e MCCB + Contactor + Birelay mentioned below.
- In case this combination is changed to accommodate another brand / rating of MCCB / contactor / birelay, it shall be the responsibility of the person making such a change to assure the coordination.
- Selection is for normal starting conditions with starting time ≤ 6 seconds. (For heavy starting applications e.g. ID/FD fans, reciprocating compressor, ball mills etc., please consult Siemens.)
- MCCB protection setting should be maintained as per below chart.
- For charts with 3VT MCCB for ratings below 75kW, please consult Siemens.
- Recommended selection.

Direct-on-line feeder

Sr No	kW 415V, 3ph, 50/60 Hz	Rated current I _L (A)	Breaking Capacity I _q	Circuit Breaker				Bi-relay		Contactor	
				MCCB	Rated current I _n (A)	Overload Setting I _r (A)	S/C Setting .. X I _r	Type	Range (A)	Type	Amp
1	75	131	50 / 65kA	3VT3763-3AA36-0AA0+3VT9325-6AC00	250	231	12.5 X I _r	3RU2156-5DB10-8K	110 - 160	3RT1055	150
2	90	156	50 / 65kA	3VT3763-3AA36-0AA0+3VT9340-6AC00	400	315	12.5 X I _r	3RU2156-5EB10-8K	140 - 200	3RT1056	185
3	110	189	50 / 65kA	3VT3763-3AA36-0AA0+3VT9340-6AC00	400	400	12.5 X I _r	3RU2166-5FB10-8K	180 - 250	3RT1064	225
4	132	227	50 / 65kA	3VT3763-3AA36-0AA0+3VT9363-6AC00	630	455	12.5 X I _r	3RU2166-5GB10-8K	220 - 320	3RT1065	265
5	160	271	50 / 65kA	3VT3763-3AA36-0AA0+3VT9363-6AC00	630	550	12.5 X I _r	3RU2166-5GB10-8K	220 - 320	3RT1066	300
6	200	339	50 / 65kA	3VT3763-3AA36-0AA0+3VT9363-6AC00	630	630	12.5 X I _r	3RU2176-5HB10-8K	280 - 400	3RT1076	500
7	250	398	50 / 65kA	3VT3763-3AA36-0AA0+3VT9363-6AC00	630	630	12.5 X I _r	3RU2176-5JB10-8K	350 - 500	3RT1076	500

Star-Delta feeder

Sr No	kW 415V, 3ph, 50/60 Hz	Rated current I _L (A)	Phase Current I _{ph} (A)	Breaking Capacity I _q	Circuit Breaker				Bi-relay		Contactor (Line/Delta)		Contactor (Star)	
					MCCB	Rated current I _n (A)	Overload Setting I _r (A)	S/C Setting .. X I _r	Type	Range (A)	Type	Amp	Type	Amp
1	75	131	75.6	50 / 65kA	3VT3763-3AA36-0AA0+3VT9325-6AC00	250	200	12.5 X I _r	3RU1146-4LB0	70 - 90	3RT1055	150	3RT1044	65
2	90	156	90.1	50 / 65kA	3VT3763-3AA36-0AA0+3VT9325-6AC00	250	231	12.5 X I _r	3RU1146-4MB0	80 - 100	3RT1056	185	3RT1044	65
3	110	189	109	50 / 65kA	3VT3763-3AA36-0AA0+3VT9340-6AC00	400	290	12.5 X I _r	3RU2156-5CB10-8K	90 - 125	3RT1064	225	3RT1054	115
4	132	227	131.1	50 / 65kA	3VT3763-3AA36-0AA0+3VT9340-6AC00	400	345	12.5 X I _r	3RU2156-5DB10-8K	110 - 160	3RT1065	265	3RT1054	115
5	160	271	156.5	50 / 65kA	3VT3763-3AA36-0AA0+3VT9340-6AC00	400	400	12.5 X I _r	3RU2156-5EB10-8K	140 - 200	3RT1066	300	3RT1054	115
6	200	339	195.7	50 / 65kA	3VT3763-3AA36-0AA0+3VT9363-6AC00	630	500	12.5 X I _r	3RU2156-5FB10-8K	180 - 250	3RT1076	500	3RT1056	185
7	250	398	229.8	50 / 65kA	3VT3763-3AA36-0AA0+3VT9363-6AC00	630	575	12.5 X I _r	3RU2156-5GB10-8K	220 - 320	3RT1076	500	3RT1065	265

Note: For ratings below 75kW, the SCPD is 3RV MPCB. Please refer [page no. 80](#) for co-ordination chart.

Fuseless selection Iq = 50 kA, IS/IEC:60947-4-1 (3VT with 3TF & 3UA)

Suitable for IE2 motors

- The selection is valid only for complete Siemens combinations i.e MCCB + Contactor + Birelay mentioned below.
- In case this combination is changed to accommodate another brand / rating of MCCB / contactor / birelay, it shall be the responsibility of the person making such a change to assure the coordination.
- Selection is for normal starting conditions with starting time ≤ 6 seconds. (For heavy starting applications e.g. ID/FD fans, reciprocating compressor, ball mills etc., please consult Siemens.)
- MCCB protection setting should be maintained as per below chart.
- For charts with 3VT MCCB for ratings below 75kW, please consult Siemens.
- Recommended selection.

Direct-on-line feeder

Sr No	kW 415V, 3ph, 50/60 Hz	Rated current I _L (A)	Breaking Capacity I _q	Circuit Breaker				Bi-relay		Contactor	
				MCCB	Rated current In (A)	Overload Setting Ir (A)	S/C Setting .. X Ir	Type	Range (A)	Type	Amp
1	75	131	50 / 65kA	3VT3763-3AA36-0AA0+3VT9325-6AC00	250	231	12.5 X Ir	3UA6230-5A	85 - 135	3TF52	170
2	90	156	50 / 65kA	3VT3763-3AA36-0AA0+3VT9340-6AC00	400	315	12.5 X Ir	3UA6230-5B	115-180	3TF53	205
3	110	189	50 / 65kA	3VT3763-3AA36-0AA0+3VT9340-6AC00	400	400	12.5 X Ir	3UA6230-5C	160 - 250	3TF53	205
4	132	227	50 / 65kA	3VT3763-3AA36-0AA0+3VT9363-6AC00	630	455	12.5 X Ir	3UA6230-5C	160 - 250	3TF54	250
5	160	271	50 / 65kA	3VT3763-3AA36-0AA0+3VT9363-6AC00	630	550	12.5 X Ir	3UA6230-5D	200 - 320	3TF55	300
6	200	339	50 / 65kA	3VT3763-3AA36-0AA0+3VT9363-6AC00	630	630	12.5 X Ir	3UA6230-5E	250 - 400	3TF57	475
7	250	398	50 / 65kA	3VT3763-3AA36-0AA0+3VT9363-6AC00	630	630	12.5 X Ir	3UA6830-5F	320 - 500	3TF57	475

Star-Delta feeder

Sr No	kW 415V, 3ph, 50/60 Hz	Rated current I _L (A)	Phase Current I _{ph} (A)	Breaking Capacity I _q	Circuit Breaker				Bi-relay		Contactor (Line/Delta)		Contactor (Star)	
					MCCB	Rated current In (A)	Overload Setting Ir (A)	S/C Setting .. X Ir	Type	Range (A)	Type	Amp	Type	Amp
1	75	131	75.6	50 / 65kA	3VT3763-3AA36-0AA0+3VT9325-6AC00	250	200	12.5 X Ir	3UA5800-8YZ1	70 - 95	3TF52	170	3TF47	63
2	90	156	90.1	50 / 65kA	3VT3763-3AA36-0AA0+3VT9325-6AC00	250	231	12.5 X Ir	3UA5830-5B	70 - 95	3TF53	205	3TF47	63
3	110	189	109	50 / 65kA	3VT3763-3AA36-0AA0+3VT9340-6AC00	400	290	12.5 X Ir	3UA5830-5D	95 - 120	3TF53	205	3TF50	110
4	132	227	131.1	50 / 65kA	3VT3763-3AA36-0AA0+3VT9340-6AC00	400	345	12.5 X Ir	3UA6230-5B	115 - 180	3TF54	250	3TF50	110
5	160	271	156.5	50 / 65kA	3VT3763-3AA36-0AA0+3VT9340-6AC00	400	400	12.5 X Ir	3UA6230-5B	115 - 180	3TF55	300	3TF50	110
6	200	339	195.7	50 / 65kA	3VT3763-3AA36-0AA0+3VT9363-6AC00	630	500	12.5 X Ir	3UA6230-5C	160 - 250	3TF57	475	3TF52	170
7	250	398	229.8	50 / 65kA	3VT3763-3AA36-0AA0+3VT9363-6AC00	630	575	12.5 X Ir	3UA6230-5D	160 - 250	3TF57	475	3TF54	250

Note: For ratings below 75kW, the SCPD is 3RV MPCB. Please refer [page no. 82](#) for co-ordination chart.

Fuseless selection type 2, Iq = 50kA, IS/IEC:60947-4-1 (3VU with 3TF and 3UA)

Suitable for IE2 motors

- The selection is valid only for complete Siemens combinations i.e MPCB + Contactor mentioned above.
- In case this combination is changed to accommodate another brand / rating of MPCB / Contactor , it shall be the responsibility of the person making such a change to assure the coordination.
- Selection is for normal starting conditions with starting time ≤ 6 seconds. For heavy starting applications, please consult Siemens.
- Recommended selection.

Direct-on-line feeder

Motor					MPCB			Contactor	
Sl. No.	kW	HP	I _L (Amp.)	I _q (KA)	Type	Rating (Amp.)	Range (Amp.)	Type	Rating (Amp.)
1	0.37	0.5	1	100	3VU1340-1MF00	1	0.6 - 1.0	3TF30	9
2	0.55	0.75	1.3	100	3VU1340-1MG00	1.6	1 - 1.6	3TF30	9
3	0.75	1	1.9	100	3VU1340-1MH00	2.4	1.6 - 2.4	3TF30	9
4	1.1	1.5	2.6	100	3VU1340-1NH00	3.2	2 - 3.2	3TF30	9
5	1.5	2	3.7	100	3VU1340-1MJ00	4	2.4 - 4	3TF30	9
6	2.2	3	4.8	100	3VU1340-1NJ00	5	3.2 - 5	3TF30	9
7	3.7	5	7.8	10 [^]	3VU1340-1NK00	8	5 - 8	3TF30	9
8	5.5	7.5	11.2	6 [^]	3VU1340-1NL00	13	8 - 13	3TF31	12
9	7.5	10	16	6 [^]	3VU1340-1MM00	16	10 - 16	3TF32	16
10	9.3	12.5	19	6 [^]	3VU1340-1MN00	20	14 - 20	3TF33	22
11	11	15	20.8	6 [^]	3VU1340-1MP00	25	18 - 25	3TF33	22
12	15	20	28	35	3VU1640-1MP00	32	22 - 32	3TF34	32
13	18.5	25	34	35	3VU1640-1MQ00	40	28 - 40	3TF35	38
14	22	30	40	35	3VU1640-1MR00	52	36 - 52	3TF46	45

[^] Breaking capacity can be increased to 50KA using current limiter

Star-Delta feeder

Motor						MPCB			Contactor: Line/Delta		Contactor: Star		Bi-Relay	
Sl. No.	kW	HP	I _L (Amp.)	I _{PH} (Amp.)	I _q (KA)	Type	Rating (Amp.)	Range (Amp.)	Type	Rating (Amp.)	Type	Rating (Amp.)	Type	Range (Amp.)
1	2.2	3	4.8	2.8	100	3VU1340-1MK00	6	4 - 6	3TF30	9	3TF30	9	3UA5000-1E	2.5 - 4
2	3.7	5	7.8	4.5	10 [^]	3VU1340-1ML00	10	6 - 10	3TF30	9	3TF30	9	3UA5000-1F	3.2 - 5
3	5.5	7.5	11.2	6.5	6 [^]	3VU1340-1MM00	16	10 - 16	3TF30	9	3TF30	9	3UA5000-1H	5 - 8
4	7.5	10	16	9.3	6 [^]	3VU1340-1MM00	16	10 - 16	3TF31	12	3TF30	9	3UA5000-1J	6.3 - 10
5	9.3	12.5	19	11	6 [^]	3VU1340-1MP00	25	18 - 25	3TF31	12	3TF30	9	3UA5000-1K	8 - 12.5
6	11	15	20.8	12.1	6 [^]	3VU1340-1MP00	25	18 - 25	3TF32	16	3TF30	9	3UA5200-1K	8 - 12.5
7	15	20	28	16.2	35	3VU1640-1MP00	32	22 - 32	3TF33	22	3TF32	16	3UA5200-2B	12.5 - 20
8	18.5	25	34	19.7	35	3VU1640-1MQ00	40	28 - 40	3TF33	22	3TF32	16	3UA5200-2C	16 - 25
9	22	30	40	23.2	35	3VU1640-1MR00	52	36 - 52	3TF34	32	3TF32	16	3UA5500-2C	16 - 25

[^] Breaking capacity can be increased to 50KA using current limiter

Available till stocks last

Contacting Relay - 3RH1 (Size S00) (Auxiliary Contactor)

Size	Operational current Ie AC-15 at 230V A	Contacts NO	Contacts NC	AC Coil [§]			DC Coil [@]		
				Type	Unit LP ₹	Std. pkg. (nos.)	Type	Unit LP ₹	Std. pkg. (nos.)
S00	6	4	-	3RH1140-1A..0	1455.-	1	3RH1140-1B..0	1990.-	1
		3	1	3RH1131-1A..0		1	3RH1131-1B..0		1
		2	2	3RH1122-1A..0		1	3RH1122-1B..0		1

^{§@} Please enter coil codes from table below

Power Contactors - 3RT1 (Size S00)

Size	AC-3 operational current Ie upto 415V A	Motor rating at 415V, 50Hz kW	Auxiliary contacts	AC Coil [§]			DC Coil [@]		
				Type	Unit LP ₹	Std. pkg. (nos.)	Type	Unit LP ₹	Std. pkg. (nos.)
S00	7	3	1NO	3RT1015-1A..1	1300.-	1	3RT1015-1B..1	1910.-	1
			1NC	3RT1015-1A..2		1	3RT1015-1B..2		1
	9	4	1NO	3RT1016-1A..1	1375.-	1	3RT1016-1B..1	1990.-	1
			1NC	3RT1016-1A..2		1	3RT1016-1B..2		1
	12	5.5	1NO	3RT1017-1A..1	1540.-	1	3RT1017-1B..1	2315.-	1
			1NC	3RT1017-1A..2		1	3RT1017-1B..2		1

^{§@} Please enter coil codes from table below

§ 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

Please refer table below for auxiliary contact blocks

Accessories for 3RT1 Contactors, 3RH1 Auxiliary Contactors (Size S00)

Auxiliary Contact Blocks (S00)

NO	NC	#NO	#NC	Type	Unit LP ₹	Std. pkg. (nos.)
2- or 4-pole auxiliary switch blocks for assembling contactors with 3 and 5 auxiliary contacts						
Size S00						
2	-	-	-	3RH1911-1FA20	345.-	1
1	1	-	-	3RH1911-1FA11		1
-	2	-	-	3RH1911-1FA02		1
4	-	-	-	3RH1911-1FA40	630.-	1
3	1	-	-	3RH1911-1FA31		1
2	2	-	-	3RH1911-1FA22	950.-	1
-	-	2	2	3RH1911-1FC22		1
1	1	1	1	3RH1911-1FB22		1
1 pole auxiliary switch blocks. Cable entry from above						
1	-	-	-	3RH1911-1AA10	240.-	10
-	1	-	-	3RH1911-1AA01		10

Delayed actuation

For auxiliary contact blocks with hard gold plated contacts for use in dusty atmosphere please contact nearest sales office.

Power Contactors - 3RT1 (Size S0,S2)

Size	AC-3 operational current Ie upto 415V A	Motor rating at 415V, 50Hz kW	Auxiliary contacts	AC Coil [§]			DC Coil [@]		
				Type	Unit LP ₹	Std. pkg. (nos.)	Type	Unit LP ₹	Std. pkg. (nos.)
S0	9	4	-	3RT1023-1A..0	1175.-	1	3RT1023-1B..0	2135.-	1
	12	5.5	-	3RT1024-1A..0	1350.-	1	3RT1024-1B..0	2330.-	1
	17	7.5	-	3RT1025-1A..0	1590.-	1	3RT1025-1B..0	2825.-	1
	25	11	-	3RT1026-1A..0	2125.-	1	3RT1026-1B..0	3780.-	1
S2	32	15	-	3RT1034-1A..0	4535.-	1	3RT1034-1B..0	8500.-	1
	40	18.5	-	3RT1035-1A..0	6810.-	1	3RT1035-1B..0	9290.-	1
	50	22	-	3RT1036-1A..0	7420.-	1	3RT1036-1B..0	12000.-	1

^{§@} Please enter coil codes from table below

§ AC coil voltage

Coil code	C2	G2	L2
Coil voltage (50/60 Hz)	24	110	230

@ DC coil voltage

Coil code	B4	F4	M4
Coil voltage	24	110	220

¹⁾ Supply frequency for 400V coil voltages 50Hz only

Available till stocks last

3RA1 Load Feeders

Direct On-Line Starters

For snapping onto standard mounting rails or for screw mounting

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	3RA1911-1AA00	385.-	1
	S00	S0	3RA1921-1DA00	355.-	1
AC	S0	S0	3RA1921-1AA00	355.-	1
DC	S0	S0	3RA1921-1BA00	355.-	1

Standard mounting rail adaptor

Size of MPCB	Size of contactor	Type	Unit LP ₹	Std. pkg. (nos.)
S00, S0	S00, S0	3RA1922-1AA00	880.-	1

Accessories for 3RT1 / 3RH1 Contactors (Size S00)

Surge suppressors

Version	AC Operation		DC Operation		Type	Unit LP ₹	Std. pkg. (nos.)
	Rated control supply voltage (U _c)						
	V AC	V DC	V AC	V DC			
Varistors (with LED)	24 ... 48	12 ... 24	12 ... 24	12 ... 24	3RT1916-1JJ00	580.-	1
	48 ... 127	24 ... 70	24 ... 70	24 ... 70	3RT1916-1JK00		1
	127 ... 240	70 ... 150	70 ... 150	70 ... 150	3RT1916-1JL00		1
	–	150 ... 250	150 ... 250	150 ... 250	3RT1916-1JP00		1
RC Elements	24 ... 48	24 ... 70	24 ... 70	24 ... 70	3RT1916-1CB00		1
	48 ... 127	70 ... 150	70 ... 150	70 ... 150	3RT1916-1CC00		1
	127 ... 240	150 ... 250	150 ... 250	150 ... 250	3RT1916-1CD00		1
Diode Assemblies	–	12 ... 250	12 ... 250	12 ... 250	3RT1916-1EH00		1
Diode with LED	–	24 ... 70	24 ... 70	24 ... 70	3RT1916-1LM00		1
Additional load module	180 ... 255	–	–	–	3RT1916-1GA00		1

4 pole contactors - (with 4NO main contacts)

with AC coils

Contactor size	Rated current I _e (A) AC1, 415V	Auxiliary Contacts		Type ²⁾ *	Unit LP ₹	Std. pkg. (nos.)
		NO	NC			
2	60	–	–	3RT1336-1A..0	6705.-	1
3	90	–	–	3RT1343-1A..0	11115.-	1
	110	–	–	3RT1344-1A..0	12710.-	1

4 Pole Power Contactors (with 2NO+2NC power contacts)

Size	AC-1 rating operational current I _e upto 415V A	AC Coil ²⁾			DC Coil ⁵⁾		
		Type*	Unit LP ₹	Std. pkg. (nos.)	Type	Unit LP ₹	Std. pkg. (nos.)
S2	55	3RT1535-1A..0	9355.-	1	3RT1535-1B..0	11980.-	1

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

Code	B0	F0	P0
Coil voltage (V) (50Hz)	24	110	230

⁵⁾ DC coil voltage

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

Available till stocks last

Reversing contactor Assemblies - 3RA.3

Size	AC-3 operational current I _e upto 415V	Motor rating at 415V, 50Hz	AC Coil				DC Coil			
			Rated control supply voltage U _s at 50/60Hz	Type	Unit LP ₹	Std. pkg. (nos.)	Rated control supply voltage U _s	Type	Unit LP ₹	Std. pkg. (nos.)
S2	50	22	110	3RA1336-8XB30-1AG2	21180.-	1	24	3RA1336-8XB30-1BB4	29850.-	1
	50	22	2300	3RA1336-8XB30-1AL2						
S3	65	30	110	3RA1344-8XB30-1AG2	28870.-	1	24	3RA1344-8XB30-1BB4	34280.-	1
			230	3RA1344-8XB30-1AL2						
	80	37	110	3RA1345-8XB30-1AG2	34675.-	1	24	3RA1345-8XB30-1BB4	43140.-	1
			230	3RA1345-8XB30-1AL2						

Reversing contactor assembly are also available as "ready to assemble kit" please refer [page no. 24](#)

Star Delta Contactor Assemblies - 3RA.4

Screw terminals

Size	AC-3 operational current I _e upto 415V	Motor rating at 415V, 50Hz	AC Coil				DC Coil			
			Rated control supply voltage U _s at 50/60Hz ¹⁾	Type	Unit LP ₹	Std. pkg. (nos.)	Rated control supply voltage U _s	Type	Unit LP ₹	Std. pkg. (nos.)
S2-S2-S0	50/65	22/30	230	3RA1434-8XC21-1AL2	21630.-	1	24	3RA1434-8XC21-1BB4	34065.-	1
S2-S2-S2	80	37	230	3RA1435-8XC21-1AL2	30315.-	1	24	3RA1435-8XC21-1BB4	40510.-	1
	86	45	230	3RA1436-8XC21-1AL2	35435.-	1	24	3RA1436-8XC21-1BB4	49565.-	1

AC1 duty contactors - 3TK

For resistive and off-load switching applications with AC coils, 2NO+2NC aux. contacts

Contact size	Rated current I _e (A) AC1 at 415V	Type ¹⁾	Unit LP ₹	Std. pkg. (nos.)
6	190	3TK5002-0A..	17340.-	1
8	315	3TK5202-0A..	31525.-	1
10	380	3TK5402-0A..	41000.-	1
12	500	3TK5602-0A..	58610.-	1

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

Type	3TK		
Code	F0	P0	R0
Coil voltage (V) (50Hz)	110	230	415

7PV0 timers

Description	Type	Unit LP ₹	Std. pkg. (nos.)
Multifunction timer	20-240V AC/DC 5 functions	7PV0722-1BV20	1450.-

Spares for 3TK5 AC1 duty contactors

Contact kits

Spare contact kit for	Type	Unit LP ₹	Std. pkg. (nos.)
3TK50 02-0A..	3TY7500-0KA	7975.-	1
3TK52 02-0A..	3TY7520-0KA	12870.-	1
3TK54 02-0A..	3TY7540-0KA	16245.-	1
3TK56 02-0A..	3TY7560-0KA	25000.-	1

Available till stocks last

Microprocessor based overload relay - 3RB20 and 3RB21

Size	Relay range A	3RB20 (Class 10)		3RB20 (Class 20)		3RB20 (Class Adj. 5 to 30)		Std. pkg. (nos.)
		Type*	Unit LP ₹	Type	Unit LP ₹	Type	Unit LP ₹	
S00	0.1 to 0.4A	3RB2016-1RB0	4330.-	3RB2016-2RB0	5425.-	3RB2113-4RB0	8905.-	1
	0.32 to 1.25A	3RB2016-1NB0	4330.-	3RB2016-2NB0	5425.-	3RB2113-4NB0	8905.-	1
	1 to 4A	3RB2016-1PB0	4330.-	3RB2016-2PB0	5425.-	3RB2113-4PB0	8905.-	1
	3 to 12A	3RB2016-1SB0	4330.-	3RB2016-2SB0	5425.-	3RB2113-4SB0	8905.-	1
S0	0.1 to 0.4A	3RB2026-1RB0	4955.-	3RB2026-2RB0	6195.-	3RB2123-4RB0	9320.-	1
	0.32 to 1.25A	3RB2026-1NB0	4955.-	3RB2026-2NB0	6195.-	3RB2123-4NB0	9320.-	1
	1 to 4A	3RB2026-1PB0	4955.-	3RB2026-2PB0	6195.-	3RB2123-4PB0	9320.-	1
	3 to 12A	3RB2026-1SB0	4955.-	3RB2026-2SB0	6195.-	3RB2123-4SB0	9320.-	1
	6 to 25 A	3RB2026-1QB0	4955.-	3RB2026-2QB0	6195.-	3RB2123-4QB0	9320.-	1
S2	6 to 25A	3RB2036-1QW1#	4650.-	3RB2036-2QW1#	5800.-	3RB2133-4QW1#	9165.-	1
	6 to 25A	3RB2036-1QB0	4650.-	3RB2036-2QB0	5800.-	3RB2133-4QB0	9080.-	1
	12.5 to 50A	3RB2036-1UB0	6520.-	3RB2036-2UB0	8130.-	3RB2133-4UB0	10445.-	1
	13 to 50A	3RB2036-1UW1#	6520.-	3RB2036-2UW1#	8130.-	3RB2133-4UW1#	11075.-	1

Thermal Overload Relays - 3RU11 (S00, S0, S2)

Direct Mounting - Class 10

Size of relay / contactor	Relay range A	Type	Unit LP ₹	Std. pkg. (nos.)	Size of relay / contactor	Relay range A	Type	Unit LP ₹	Std. pkg. (nos.)
S00	0.11 ... 0.16	3RU1116-0AB0	1860.-	1	S0	1.8 ... 2.5	3RU1126-1CB0	2160.-	1
	0.14 ... 0.2	3RU1116-0BB0		1		2.2 ... 3.2	3RU1126-1DB0	2160.-	1
	0.18 ... 0.25	3RU1116-0CB0		1		2.8 ... 4	3RU1126-1EB0	2160.-	1
	0.22 ... 0.32	3RU1116-0DB0		1		3.5 ... 5	3RU1126-1FB0	2160.-	1
	0.28 ... 0.4	3RU1116-0EB0		1		4.5 ... 6.3	3RU1126-1GB0	2160.-	1
	0.35 ... 0.5	3RU1116-0FB0		1		5.5 ... 8	3RU1126-1HB0	2170.-	1
	0.45 ... 0.63	3RU1116-0GB0		1		7 ... 10	3RU1126-1JB0	2170.-	1
	0.55 ... 0.8	3RU1116-0HB0		1		9 ... 12.5	3RU1126-1KB0	2170.-	1
	0.7 ... 1	3RU1116-0JB0		1		11 ... 16	3RU1126-4AB0	2275.-	1
	0.9 ... 1.25	3RU1116-0KB0		1		14 ... 20	3RU1126-4BB0	2275.-	1
	1.1 ... 1.6	3RU1116-1AB0		1	17 ... 22	3RU1126-4CB0	2275.-	1	
	1.4 ... 2	3RU1116-1BB0		1	20 ... 25	3RU1126-4DB0	2275.-	1	
	1.8 ... 2.5	3RU1116-1CB0		1	S2	5.5 ... 8	3RU1136-1HB0	3435.-	1
	2.2 ... 3.2	3RU1116-1DB0		1		7 ... 10	3RU1136-1JB0	3435.-	1
	2.8 ... 4	3RU1116-1EB0		1		9 ... 12.5	3RU1136-1KB0	3435.-	1
	3.5 ... 5	3RU1116-1FB0		1		11 ... 16	3RU1136-4AB0	3435.-	1
	4.5 ... 6.3	3RU1116-1GB0		1		14 ... 20	3RU1136-4BB0	3435.-	1
	5.5 ... 8	3RU1116-1HB0		1		18 ... 25	3RU1136-4DB0	3435.-	1
	7 ... 10	3RU1116-1JB0		1		22 ... 32	3RU1136-4EB0	3435.-	1
	9 ... 12	3RU1116-1KB0		1		28 ... 40	3RU1136-4FB0	3435.-	1
			36 ... 45	3RU1136-4GB0		4115.-	1		
			40 ... 50	3RU1136-4HB0		4115.-	1		

Accessory for independent mounting

For size of relay	Relay type	Type	Unit LP ₹	Std. pkg. (nos.)
S00	3RU1	3RU1916-3AA01	325.-	1
S0	3RU1	3RU1926-3AA01	375.-	1
S00	3RB2	3RB2913-0AA1	535.-	1
S0	3RU1	3RB2923-0AA1	535.-	1

Available till stocks last

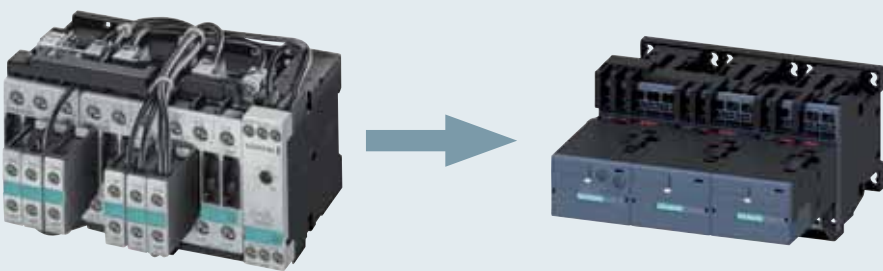
Motor protection circuit breakers - 3RV1 (S00, S0, S2)

MPCBs for motor and plant protection upto 100kA

MPCB overload range A	MPCB with Standard release ¹⁾		MPCB with Standard release ¹⁾		MPCB with "relay function" ²⁾		MPCB with "Mag only" Release ³⁾		Std. pkg. (nos.)
	Type* Size S00	Unit LP ₹	Type* Size S0	Unit LP ₹	Type* Size S0	Unit LP ₹	Type* Size S0	Unit LP ₹	
0.11...0.16	3RV1011-0AA10	4075.-	3RV1021-0AA10	5950.-	3RV1121-0AA10	7745.-	3RV1321-0AC10	5845.-	1
0.14 ... 0.2	3RV1011-0BA10	4075.-	3RV1021-0BA10	5950.-	3RV1121-0BA10	7745.-	3RV1321-0BC10	5845.-	1
0.18...0.25	3RV1011-0CA10	4075.-	3RV1021-0CA10	5950.-	3RV1121-0CA10	7745.-	3RV1321-0CC10	5845.-	1
0.22 ... 0.32	3RV1011-0DA10	4075.-	3RV1021-0DA10	5950.-	3RV1121-0DA10	7745.-	3RV1321-0DC10	5845.-	1
0.28...0.4	3RV1011-0EA10	4075.-	3RV1021-0EA10	5950.-	3RV1121-0EA10	7745.-	3RV1321-0EC10	5845.-	1
0.35 ... 0.5	3RV1011-0FA10	4710.-	3RV1021-0FA10	5950.-	3RV1121-0FA10	7745.-	3RV1321-0FC10	5845.-	1
0.45...0.63	3RV1011-0GA10	4600.-	3RV1021-0GA10	5950.-	3RV1121-0GA10	7745.-	3RV1321-0GC10	5845.-	1
0.55 ... 0.8	3RV1011-0HA10	4710.-	3RV1021-0HA10	5950.-	3RV1121-0HA10	7035.-	3RV1321-0HC10	5845.-	1
0.7...1	3RV1011-0JA10	4600.-	3RV1021-0JA10	5950.-	3RV1121-0JA10	7745.-	3RV1321-0JC10	5845.-	1
0.9 ... 1.25	3RV1011-0KA10	4710.-	3RV1021-0KA10	6545.-	3RV1121-0KA10	8105.-	3RV1321-0KC10	6195.-	1
1.1...1.6	3RV1011-1AA10	4600.-	3RV1021-1AA10	6545.-	3RV1121-1AA10	8105.-	3RV1321-1AC10	6195.-	1
1.4 ... 2	3RV1011-1BA10	4710.-	3RV1021-1BA10	6545.-	3RV1121-1BA10	8105.-	3RV1321-1BC10	6195.-	1
1.8...2.5	3RV1011-1CA10	4600.-	3RV1021-1CA10	6545.-	3RV1121-1CA10	8105.-	3RV1321-1CC10	6195.-	1
2.2 ... 3.2	3RV1011-1DA10	4885.-	3RV1021-1DA10	6545.-	3RV1121-1DA10	8105.-	3RV1321-1DC10	6195.-	1
2.8...4	3RV1011-1EA10	4885.-	3RV1021-1EA10	6545.-	3RV1121-1EA10	8105.-	3RV1321-1EC10	6195.-	1
3.5 ... 5	3RV1011-1FA10	4885.-	3RV1021-1FA10	6545.-	3RV1121-1FA10	8105.-	3RV1321-1FC10	6195.-	1
4.5 ... 6.3	3RV1011-1GA10	4885.-	3RV1021-1GA10	6545.-	3RV1121-1GA10	8105.-	3RV1321-1GC10	6195.-	1
5.5 ... 8	3RV1011-1HA10	5225.-	3RV1021-1HA10	7195.-	3RV1121-1HA10	8765.-	3RV1321-1HC10	6670.-	1
7 ... 10	3RV1011-1JA10	5225.-	3RV1021-1JA10	7195.-	3RV1121-1JA10	8765.-	3RV1321-1JC10	6670.-	1
9 ... 12	3RV1011-1KA10	5595.-	3RV1021-1KA10	7195.-	3RV1121-1KA10	8765.-	3RV1321-1KC10	6670.-	1
10 ... 16	-	-	3RV1021-4AA10	7195.-	3RV1121-4AA10	8765.-	3RV1321-4AC10	6670.-	1
14 ... 20	-	-	3RV1021-4BA10	7885.-	3RV1121-4BA10	9785.-	3RV1321-4BC10	7670.-	1
17 ... 22	-	-	3RV1021-4CA10	7885.-	3RV1121-4CA10	9785.-	3RV1321-4CC10	7670.-	1
20 ... 25	-	-	3RV1021-4DA10	7885.-	3RV1121-4DA10	9785.-	3RV1321-4DC10	7670.-	1

MPCB overload range A	MPCB with Standard release ¹⁾		MPCB with "relay function" ²⁾		MPCB with "Mag only" Release ³⁾		Std. pkg. (nos.)
	Type* Size S2	Unit LP ₹	Type* Size S2	Unit LP ₹	Type* Size S2	Unit LP ₹	
11 ... 16	3RV1031-4AA10	10995.-	3RV1131-4AA10	18720.-	3RV1331-4AC10	15570.-	1
14 ... 20	3RV1031-4BA10	10995.-	3RV1131-4BA10	18720.-	3RV1331-4BC10	15570.-	1
18 ... 25	3RV1031-4DA10	11815.-	3RV1131-4DA10	18720.-	3RV1331-4DC10	10895.-	1
22 ... 32	3RV1031-4EA10	11815.-	3RV1131-4EA10	18720.-	3RV1331-4EC10	10895.-	1
28 ... 40	3RV1031-4FA10	13010.-	3RV1131-4FA10	20625.-	3RV1331-4FC10	12120.-	1
36 ... 45	3RV1031-4GA10	15895.-	3RV1131-4GA10	21660.-	3RV1331-4GC10	15010.-	1
40 ... 50	3RV1031-4HA10	15895.-	3RV1131-4HA10	21660.-	3RV1331-4HC10	15010.-	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



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A large, industrial-grade Siemens SIVACON switchboard is shown against a light blue background. The switchboard is a tall, grey metal cabinet with multiple bays. The top of the cabinet has a dark grey roof-like structure. The front panel is white with various components, including circuit breakers, fuses, and control units. The word "SIVACON" is printed vertically on the left side of the cabinet. The Siemens logo is visible on the top of the cabinet. The overall appearance is professional and industrial.

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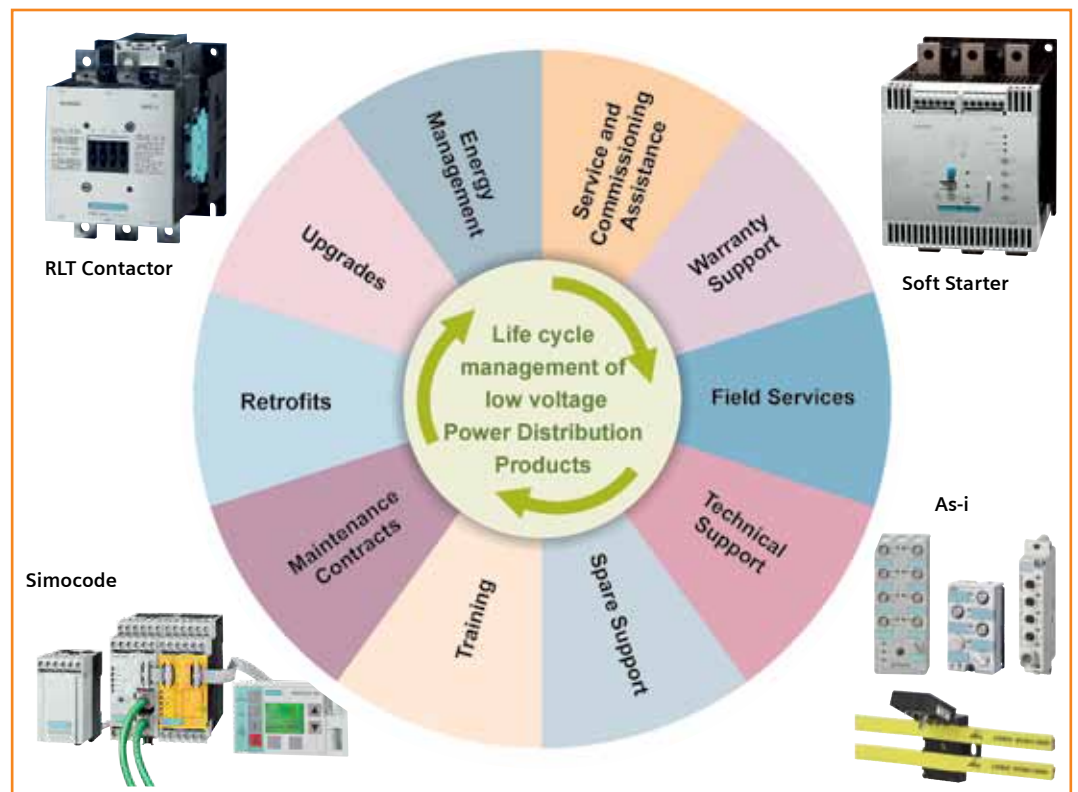
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Note

- This supercedes all previous Price Lists
- MRP mentioned in this publication are max. recommended selling MRP.
- For receiving material in factory sealed packing, we request you to order in multiples of the indicated standard packing quantity.
- Siemens has stopped supplying 3TA contactors and 3UA19 relays. Please replace 3TA/3UA19 by SIRIUS contactors and relays. Spare contact kits / AC coils for 3TA contactors continue to be supplied by Siemens.

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(including Training Service Providers, TSPs)

Title	Course Code	Days
Training Programmes on Automation Products		
SIMATIC S7-1200 with STEP7 V13	AS-TIA1200	4
SIMATIC S7-1500 with STEP7 V13	AS-TIA1500	5
SIMATIC S7-300 Basic with STEP7 V5.5	AS-ST300	8
SIMATIC S7-400 Basic with STEP7 V5.5	AS-ST400	8
SIMATIC S7-300/400 Advance with STEP7 V5.5	AS-ST300/400	6
Networking on Profibus/Profinet with STEP7 V5.5	AS-STNET	5
SIMATIC WinCC Basic V7	AS-STWINCCB	5
SIMATIC WinCC Advance V7	AS-STWINCCA	3
DCS: SIMATIC PCS 7 Basic	AS-STPCS7B	10
DCS: SIMATIC PCS 7 Advance	AS-STPCS7A	10
DCS: SIMATIC PCS 7 SERV(Troubleshooting/Maint)	AS-STPCS7S	5
SIMATIC Distributed (Machine Safety) course	AS-STSAFM	3
SIMATIC Fail-safe (Process Safety) course	AS-STSAFP	3
Training Program on Drive Products		
Basics AC DC Drive	DR-BDT	5
Basic Drive with MM4 Maintenance	DR-MM4	5
SIMOVERT Masterdrive Vector control	DR-MDVC	6
SIMOREG 6RA70	DR-DC70	6
SINAMICS DCM 6RA80	DR-DCM	6

Title	Course Code	Days
SINAMICS V90	DR-V90	3
SINAMICS V20	DR-V20	3
SINAMICS G120	DR-G120	5
SINAMICS G130/G150	DR-G130	6
SINAMICS S120	DR-S120	6
SIMOTION System & Programming	DR-SIMO	8
SINAMICS Perfect Harmony GH180	DR-GH180	5
Training Program on LV Switchgear Products		
LV Switchgear Products & Maintenance	ESGPM	5
LV Power Distribution Systems	EPD	2
SIMOCODE AC-Motor control	ESM	2
Basic Automation for Switchgear User	EBAS	3
AC Motor Basics Control & Maintenance	EIM	3
SIRIUS Soft Starter	ESS	2
Sentron PAC Meter	EPAC	2
Sentron Power Manager	ESPM	2
Training Program on Process Instrumentation and Mechatronics		
Basic Course on Process Instrumentation	PIA100	4
Basic Course on Mechatronics (Siemens-Berlin Certification)	SMSCP-L1	30
Basic Course on Mechatronics (Siemens-India Certification)	CU-MEX	12

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Coimbatore - 641114
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TTC Industrial Area, Mahape
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Secunderabad - 500003
Tel: +91-40-66776353/040-66386352

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Plot No.19, TTC Industrial Area
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Navi Mumbai - 400708
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