

SIRIUS AND SENTRON SHORT FORM CATALOGUE 2024

Industrial Control and Switchgear Products

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SIRIUS Innovations Industrial Controls

Example	Size	Setting range (A)	Power (kW)	Rated current (A)	Part Number
Motor Starter Protectors for motor protection, class 10, screw-type connection					
	Size S00	0,45...0,63 A	0,18 kW	0,63 A	3RV2011-0GA10
		0,7...1,00 A	0,25 kW	1,00 A	3RV2011-0JA10
		0,9...1,25 A	0,37 kW	1,25 A	3RV2011-0KA10
		1,1...1,6 A	0,55 kW	1,60 A	3RV2011-1AA10
		1,4...2 A	0,75 kW	2,00 A	3RV2011-1BA10
		2,2...3,2 A	1,1 kW	3,20 A	3RV2011-1DA10
		2,8...4 A	1,5 kW	4,00 A	3RV2011-1EA10
		3,5...5A	1,5 kW	5,00 A	3RV2011-1FA10
		4,5...6,3 A	2,2 kW	6,30 A	3RV2011-1GA10
		5,5...8 A	3,0 kW	8,00 A	3RV2011-1HA10
		7...10 A	4,0 kW	10,0 A	3RV2011-1JA10
		9...12,5 A	5,5 kW	12,5 A	3RV2011-1KA10
	Size S0	10...16 A	7,5 kW	16,0 A	3RV2011-4AA10
		5.5...8 A	3,0 kW	8,0 A	3RV2021-1HA10
		7...10 A	4,0 kW	10,0 A	3RV2021-1JA10
		9...12,5 A	4,5 kW	12,5 A	3RV2021-1KA10
		13...20 A	7,5 kW	20,0 A	3RV2021-4BA10
		18...25 A	11 kW	25,0 A	3RV2021-4DA10
		27...32 A	15 kW	32,0 A	3RV2021-4EA10
	Size S2	30...36 A	18,5 kW	36,0 A	3RV2021-4PA10
		32...40 A	18,5 kW	40,0 A	3RV2031-4UA10
		35...45 A	22 kW	45,0 A	3RV2031-4VA10
		42...52 A	22 kW	52,0 A	3RV2031-4WA10
		49...59 A	30 kW	59,0 A	3RV2031-4XA10
		54...65 A	30 kW	65,0 A	3RV2031-4JA10
		62...73 A	37 kW	73,0 A	3RV2031-4KA10
	Size S3	70...80 A	37 kW	80,0 A	3RV2031-4RA10
		28...40 A	18.5 kW	40,0 A	3RV2041-4FA10
		36...50 A	22 kW	50,0 A	3RV2041-4HA10
		45...63 A	30 kW	63,0 A	3RV2041-4JA10
		57...75 A	37 kW	75,0 A	3RV2041-4KA10
		65...84 A	45 kW	84,0 A	3RV2041-4RA10
		75...93 A	45 kW	93,0 A	3RV2041-4YA10
	Accessories motor starter protector 3RV2	80...100 A	45,55 kW	100,0 A	3RV2041-4MA10
		Transverse auxiliary switch, 1NO+1NC (S00, S0, S3)			3RV2901-1E
		Lateral auxiliary switch, 1NO+1NC (S00, S0, S3)			3RV2901-1A
		3-Phase infeed terminal, connection from above, S00, S0			3RV2925-5AB
		3-Phase infeed terminal, connection from above, S2			3RV2935-5A
		3-Phase busbars, S00, S0 for 2 switches			3RV1915-1AB
		3-Phase busbars, S00, S0 for 3 switches			3RV1915-1BB
		3-Phase busbars, S00, S0 for 4 switches			3RV1915-1CB
		3-Phase busbars, S00, S0 for 5 switches			3RV1915-1DB
		3-Phase busbars, S2 for 2 switches			3RV1935-1A
		3-Phase busbars, S2 for 3 switches			3RV1935-1B
		3-Phase busbars, S2 for 4 switches			3RV1935-1C

SIRIUS Innovations Industrial Controls

Example

Size

Rated control supply voltage
(V)

AC3
400V

AC1
690V

Auxiliary contacts

Part Number

* 1 = NO Aux, 2 = NC Aux

Contactors for switching motors



Size S00
3 kW

24V AC, 50/60 HZ

7

18

1NO/1NC

3RT2015-1AB0*

110V AC, 50/60 HZ

7

18

1NO/1NC

3RT2015-1AF0*

230V AC, 50/60 HZ

7

18

1NO/1NC

3RT2015-1AP0*

24V DC

7

18

1NO/1NC

3RT2015-1BB4*

Size S00
4 kW

24V AC, 50/60 HZ

9

22

1NO/1NC

3RT2016-1AB0*

110V AC, 50/60 HZ

9

22

1NO/1NC

3RT2016-1AF0*

230V AC, 50/60 HZ

9

22

1NO/1NC

3RT2016-1AP0*

24V DC

9

22

1NO/1NC

3RT2016-1BB4*

Size S00
5.5 kW

24V AC, 50/60 HZ

12

22

1NO/1NC

3RT2017-1AB0*

110V AC, 50/60 HZ

12

22

1NO/1NC

3RT2017-1AF0*

230V AC, 50/60 HZ

12

22

1NO/1NC

3RT2017-1AP0*

24V DC

12

22

1NO/1NC

3RT2017-1BB4*

Size S00
7.5 kW

24V AC, 50/60 HZ

16

22

1NO/1NC

3RT2018-1AB0*

110V AC, 50/60 HZ

16

22

1NO/1NC

3RT2018-1AF0*

230V AC, 50/60 HZ

16

22

1NO/1NC

3RT2018-1AP0*

24V DC

16

22

1NO/1NC

3RT2018-1BB4*



Size S0
7.5 kW

24V AC, 50 HZ

17

40

1NO+1NC

3RT2025-1AB00

110V AC, 50 HZ

17

40

1NO+1NC

3RT2025-1AF00

230V AC, 50 HZ

17

40

1NO+1NC

3RT2025-1AP00

24V DC

17

40

1NO+1NC

3RT2025-1BB40

Size S0
11 kW

24V AC, 50 HZ

25

40

1NO+1NC

3RT2026-1AB00

110V AC, 50HZ

25

40

1NO+1NC

3RT2026-1AF00

230V AC, 50HZ

25

40

1NO+1NC

3RT2026-1AP00

24V DC

25

40

1NO+1NC

3RT2026-1BB40

Size S0
15 kW

24V AC, 50 HZ

32

50

1NO+1NC

3RT2027-1AB00

110V AC, 50 HZ

32

50

1NO+1NC

3RT2027-1AF00

230 V AC, 50 Hz

32

50

1NO+1NC

3RT2027-1AP00

24 V DC

32

50

1NO+1NC

3RT2027-1BB40

Size S0
18.5 kW

24V AC, 50 HZ

38

50

1NO+1NC

3RT2028-1AB00

110V AC, 50 HZ

38

50

1NO+1NC

3RT2028-1AF00

230 V AC, 50 Hz

38

50

1NO+1NC

3RT2028-1AP00

24 V DC

38

50

1NO+1NC

3RT2028-1BB40



Size S2
18.5 kW

110V AC, 50 HZ

40

60

1NO+1NC

3RT2035-1AF00

230 V AC, 50 Hz

40

60

1NO+1NC

3RT2035-1AP00

20 ... 33V AC/DC

40

60

1NO+1NC

3RT2035-1NB30

Size S2
22 kW

110V AC, 50 HZ

50

70

1NO+1NC

3RT2036-1AF00

230 V AC, 50 Hz

50

70

1NO+1NC

3RT2036-1AP00

20 ... 33V AC/DC

50

70

1NO+1NC

3RT2036-1NB30

Size S2
30 kW

110V AC, 50 HZ

65

80

1NO+1NC

3RT2037-1AF00

230 V AC, 50 Hz

65

80

1NO+1NC

3RT2037-1AP00

20 ... 33V AC/DC

65

80

1NO+1NC

3RT2037-1NB30

Size S2
37 kW

110V AC, 50 HZ

80

90

1NO+1NC

3RT2038-1AF00

230 V AC, 50 Hz

80

90

1NO+1NC

3RT2038-1AP00

20 ... 33V AC/DC

80

90

1NO+1NC

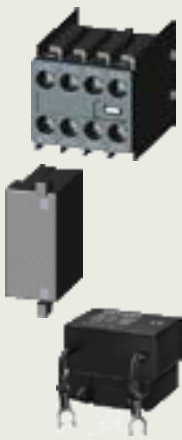
3RT2038-1NB30

SIRIUS Innovations Industrial Controls

Example	Size	Rated control supply voltage (V)	AC3 400V	AC1 690V	Auxiliary contacts	Part Number
Contactors for switching motors						
	Size S3 37 kW	110V AC, 50Hz	80	125	1NO/1NC	3RT2045-1AF00
		230V AC, 50Hz	80	125	1NO/1NC	3RT2045-1AP00
		20 ... 33V AC/DC	80	125	1NO/1NC	3RT2045-1NB30
	Size S3 45 kW	110V AC, 50Hz	95	130	1NO/1NC	3RT2046-1AF00
		230V AC, 50Hz	95	130	1NO/1NC	3RT2046-1AP00
		20 ... 33V AC/DC	95	130	1NO/1NC	3RT2046-1NB30
	Size S3 55 kW	110V AC, 50Hz	110	130	1NO/1NC	3RT2047-1AF00
		230V AC, 50Hz	110	130	1NO/1NC	3RT2047-1AP00
		20 ... 33V AC/DC	110	130	1NO/1NC	3RT2047-1NB30
	Size S6 55 kW	110...127 V AC/DC 50/60Hz	115	160	2NO/2NC	3RT1054-1AF36
		220...240 V AC/DC 50/60Hz	115	160	2NO/2NC	3RT1054-1AP36
		23...26 V AC/DC 50/60Hz	115	160	2NO/2NC	3RT1054-1AB36
	Size S6 75 kW	110...127 V AC/DC 50/60Hz	150	185	2NO/2NC	3RT1055-6AF36
		220...240 V AC/DC 50/60Hz	150	185	2NO/2NC	3RT1055-6AP36
		23...26 V AC/DC 50/60Hz	150	185	2NO/2NC	3RT1055-6AB36
	Size S6 90 kW	110...127 V AC/DC 50/60Hz	185	215	2NO/2NC	3RT1056-6AF36
		220...240 V AC/DC 50/60Hz	185	215	2NO/2NC	3RT1056-6AP36
		23...26 V AC/DC 50/60Hz	185	215	2NO/2NC	3RT1056-6AB36
	Size S10 110 kW	110...127 V AC/DC 50/60Hz	225	275	2NO/2NC	3RT1064-6AF36
		220...240 V AC/DC 50/60Hz	225	275	2NO/2NC	3RT1064-6AP36
		23...26 V AC/DC 50/60Hz	225	275	2NO/2NC	3RT1064-6AB36
	Size S10 132 kW	110...127 V AC/DC 50/60Hz	265	330	2NO/2NC	3RT1065-6AF36
		220...240 V AC/DC 50/60Hz	265	330	2NO/2NC	3RT1065-6AP36
		23...26 V AC/DC 50/60Hz	265	330	2NO/2NC	3RT1065-6AB36
	Size S10 160 kW	110...127 V AC/DC 50/60Hz	300	330	2NO/2NC	3RT1066-6AF36
		220...240 V AC/DC 50/60Hz	300	330	2NO/2NC	3RT1066-6AP36
		23...26 V AC/DC 50/60Hz	300	330	2NO/2NC	3RT1066-6AB36
	Size S12 200 kW	110...127 V AC/DC 50/60Hz	400	430	2NO/2NC	3RT1075-6AF36
		220...240 V AC/DC 50/60Hz	400	430	2NO/2NC	3RT1075-6AP36
		23...26 V AC/DC 50/60Hz	400	430	2NO/2NC	3RT1075-6AB36
	Size S12 250 kW	110...127 V AC/DC 50/60Hz	500	610	2NO/2NC	3RT1076-6AF36
		220...240 V AC/DC 50/60Hz	500	610	2NO/2NC	3RT1076-6AP36
		23...26 V AC/DC 50/60Hz	500	610	2NO/2NC	3RT1076-6AB36
Contactor relays S00						
	Contactor relay 4NO, 230 V, 50/60 Hz					3RH2140-1AP00
	Contactor relay 4NO, 24 V DC					3RH2140-1BB40
	Contactor relay 3NO + 1NC, 230 V, 50/60 Hz					3RH2131-1AP00
	Contactor relay 3NO + 1NC, 24 V DC					3RH2131-1BB40
	Contactor relay 2NO + 2NC, 230 V, 50/60 Hz					3RH2122-1AP00
	Contactor relay 2NO + 2NC, 24 V DC					3RH2122-1BB40
Accessories overload relays						
	Terminal supports for stand-alone installation, Size S00					3RU2916-3AA01
	Terminal supports for stand-alone installation, Size S0					3RU2926-3AA01
	Terminal supports for stand-alone installation, Size S2					3RU2936-3AA01
	Terminal supports for stand-alone installation, Size S3					3RU2946-3AA01

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Accessories contactors, contactor relays

	Auxiliary switch block, 4NO, size S00 to S3	3RH2911-1FA40
	Auxiliary switch block 2NO+2NC, size S00 to S3	3RH2911-1HA22
	Auxiliary switch block, 1NO+1NC, size S00 to S3	3RH2911-1HA11
	Auxiliary switch block, 2NO, size S00 to S3	3RH2911-1HA20
	RC element AC 127...240 V size S00	3RT2916-1CD00
	Suppression diode DC 24 V, size S00	3RT2916-1DG00
	Surge suppressor size S00 (AC 24...48 V; DC 24...70 V)	3RT2916-1BB00
	RC element AC 127...240 V, size S0	3RT2926-1CD00
	Surge suppressor, size S0 (AC 24...48 V; DC 24...70 V)	3RT2926-1BB00
	RC element AC 127...240 V size S2	3RT2936-1CD00
	Surge suppression, size S2 and S3 (AC 24...48 V)	3RT2936-1BB00
	RC element AC 127...240 V size S3	3RT2946-1CD00
	Surge suppression, size S2 and S3 (AC 48...127 V)	3RT2936-1BC00
	RC element (AC 24...48 V; DC 24...70 V) size S6 to S12	3RT1956-1CD00

Components for customer assembly of reversing and star-delta starters

	3RT201 S00-S00 The reversing assembly kit contains: Mechanical interlock, 2 connecting clips for 2 contactors, wiring modules on the top and bottom • For main, auxiliary and control circuits	3RA2816-0EW20
	3RT202 S0-S0 The reversing assembly kit contains: Mechanical interlock, 2 connecting clips for 2 contactors, wiring modules on the top and bottom • For main, auxiliary and control circuits1) • Only for main circuit2)	3RA2923-2AA1
	3RT203 S2-S2 The reversing assembly kit contains: 2 connecting pins for 2 contactors; wiring modules on the top and bottom • For main and auxiliary circuits • Only for main circuit3)	3RA2933-2AA1
	3RT201 S00-S00-S00 The star-delta assembly kit contains: Mechanical interlock, 4 connecting clips for 3 contactors; a star jumper, wiring modules on the top and bottom • For main, auxiliary and control circuits	3RA2913-2BB1
	3RT202 S0-S0-S0 The star-delta assembly kit contains: Mechanical interlock, 4 connecting clips for 3 contactors, a star jumper, wiring modules on the top and bottom • For main, auxiliary and control circuits • Only for main circuit2)	3RA2923-2BB1
	3RT203 S2-S2-S2 The star-delta assembly kit contains: 4 connecting pins for 3 contactors; an S2 star jumper and • wiring modules on the top and bottom for the main circuit and the auxiliary circuit, a cable for connecting the A2 coil contact from the line contactor to the A2 coil contact of the delta contactor. • Wiring modules on the top and bottom for the main circuit, a cable set for the auxiliary circuit and a cable for connecting the A2 coil contact from the line contactor to the A2 coil contact of the delta contactor.	3RA2933-2BB1
	3RT204 S3-S3 The reversing contact assembly kit contains: 2 connecting pins for 2 contactors; wiring modules on the top and bottom • For connecting the main and auxiliary current circuits, • Electrical interlock included (NC contact interlock)	3RA2943-2AA1
	3RT105 S6-S6 The reversing contact assembly kit contains: Wiring modules on the top and bottom (for connection without box terminal)	3RA1953-2M
	3RT106 S10-S10 The reversing contact assembly kit contains: Wiring modules on the top and bottom (for connection without box terminal)	3RA1963-2A
	3RT107 S12-S12 The reversing contact assembly kit contains: Wiring modules on the top and bottom (for connection without box terminal)	3RA1973-2A
	3RT204 S3-S3-S3 The star-delta starter assembly contains; 4 connectors for 3 contactors, an S3 star jumper, a cable for connecting the A2 coil contact from the line contactor to the A2 coil contact of the delta contactor and Wiring modules on the top and bottom for the main circuit and the auxiliary circuit	3RA2943-2BB1
	3RT105 S6-S6-S6 The star-delta starter assembly contains; Star jumper, wiring module on the bottom (Wiring module on the top is not included in the scope of supply. A double infeed between the line contactor and the delta contactor is recommended)	3RA1953-2B
	3RT106 S10-S10-S10 The star-delta starter assembly contains; Star jumper, wiring module on the bottom (Wiring module on the top is not included in the scope of supply. A double infeed between the line contactor and the delta contactor is recommended)	3RA1963-2B
	3RT107 S12-S12-S12 The star-delta starter assembly contains; Star jumper, wiring module on the bottom (Wiring module on the top is not included in the scope of supply. A double infeed between the line contactor and the delta contactor is recommended)	3RA1973-2B

SIRIUS Innovations Industrial Controls

Example	Size	Setting range (A)	Part Number
Overload relay (thermal) for mounting onto contactors, Class 10			
	Size S00	0,45 ... 0,63 A	3RU2116-0GB0
		0,7 ... 1 A	3RU2116-0JB0
		0,9 ... 1,25 A	3RU2116-0KB0
		1,1 ... 1,6 A	3RU2116-1AB0
		1,4 ... 2 A	3RU2116-1BB0
		2,2 ... 3,2 A	3RU2116-1DB0
		2,8 ... 4 A	3RU2116-1EB0
		4,5 ... 6,3 A	3RU2116-1GB0
		5,5 ... 8 A	3RU2116-1HB0
		7 ... 10 A	3RU2116-1JB0
		9 ... 12,5 A	3RU2116-1KB0
		11 ... 16 A	3RU2116-4AB0
	Size S0	14 ... 20 A	3RU2126-4BB0
		20 ... 25 A	3RU2126-4DB0
		27 ... 32 A	3RU2126-4EB0
		34 ... 40 A	3RU2126-4FB0
	Size S2	28 ... 40 A	3RU2136-4FB0
		36 ... 45 A	3RU2136-4GB0
		40 ... 50 A	3RU2136-4HB0
		47 ... 57 A	3RU2136-4QB0
		54 ... 65 A	3RU2136-4JB0
		62 ... 73 A	3RU2136-4KB0
	Size S3	70 ... 80 A	3RU2136-4RB0
		28... 40 A	3RU2146-4FB0
		36... 50 A	3RU2146-4HB0
		45... 63 A	3RU2146-4JB0
		57... 75 A	3RU2146-4KB0
		70... 90 A	3RU2146-4LB0
   	Size S00	0,32 ... 1,25 A	3RB3016-1NB0
		1 ... 4 A	3RB3016-1PB0
		3 ... 12 A	3RB3016-1SB0
		4 ... 16 A	3RB3016-1TB0
	Size S0	3 ... 12 A	3RB3026-1SB0
		10 ... 40 A	3RB3026-1VB0
	Size S2	12 ... 50 A	3RB3036-1UB0
		20 ... 80 A	3RB3036-1WB0
	Size S3	12.5 ... 50 A	3RB3046-1UB0
		32 ...115 A	3RB3046-1XB0

3RV29 Infeed System

Example	Type	Version	For 3RV20 motor starter protectors Size	Part Number
Three-phase busbars with infeed				
	3-phase busbars with infeed incl. 3RV2917-6A end cover	For 2 motor starter protectors with screw connection or spring-type terminals		
		• With infeed on the left	S00, S0	3RV2917-1A
		• With infeed on the right	S00, S0	3RV2917-1E
Three-phase busbars for system expansion				
	3-phase busbars incl. 3RV2917-5BA00 expansion plug	For motor starter protectors with screw connection or spring-type terminals		
		• For 2 motor starter protectors S00, S0	S00, S0	3RV2917-4A
		• For 3 motor starter protectors S00, S0	S00, S0	3RV2917-4B
Plug-in connectors				
 	Plug-in connectors to make contact with the motor starter protectors	• For spring-type terminals		Spring-type terminals
		- Single-unit packaging	S001) S02)	3RV2917-5AA00 3RV2927-5AA00
		- Multi-unit packaging (10 units)	S001) S02)	3RV2917-5A 3RV2927-5A
		• For screw terminals		Screw terminals
		- Single-unit packaging	S001) S02)	3RV2917-5CA00 3RV1927-5AA00
		- Multi-unit packaging (10 units)	S001) S02)	3RV2917-5C 3RV1927-5A
	Contactor bases for mounting direct-on-line or reversing starters	Single-unit packaging	S00 S0	3RV2917-7AA00 3RV2927-7AA00
Link modules				
Example	Actuating voltage of contactor	Size		Part Number
		Contactors (3RT2)	Motor starter protectors (3RV2)	
	AC / DC	S00	S00 / S0	3RA1921-1D
	AC	S0	S00 / S0	3RA2921-1A
	DC	S0	S00 / S0	3RA2921-1B
	AC / DC	S2	S2	3RA2931-1A
	AC / DC	S3	S3	3RA1941-1A

SIRIUS 3RW Softstarter

Example	Rated operating voltage	Ambient temperature 40 °C		Size	Part Number	
		Rated opera- ting current in (A)	Rated power of three-phase motors with rated operating voltage			
			230 V in (kW)			400 V in (kW)

Softstarters for easy start-up conditions and high switching frequencies

Example						Part Number AC/DC 24 V	Part Number AC/DC 110 ... 230 V
	200 ... 480 V Screw-type terminals	3,6	0,75	1,5	S00	3RW3013-1BB04	3RW3013-1BB14
		6,5	1,5	3	S00	3RW3014-1BB04	3RW3014-1BB14
		9	2,2	4	S00	3RW3016-1BB04	3RW3016-1BB14
		12,5	3	5,5	S00	3RW3017-1BB04	3RW3017-1BB14
		17.6	4	7,5	S00	3RW3018-1BB04	3RW3018-1BB14
		25	5,5	11	S0	3RW3026-1BB04	3RW3026-1BB14
		32	7,5	15	S0	3RW3027-1BB04	3RW3027-1BB14
		38	11	18,5	S0	3RW3028-1BB04	3RW3028-1BB14
		45	11	22	S2	3RW3036-1BB04	3RW3036-1BB14
		63	18,5	30	S2	3RW3037-1BB04	3RW3037-1BB14
		72	22	37	S2	3RW3038-1BB04	3RW3038-1BB14
		80	22	45	S3	3RW3046-1BB04	3RW3046-1BB14
		106	30	55	S3	3RW3047-1BB04	3RW3047-1BB14

Softstarters for 3-phase motors (with current limiting and integrated overload relay)

Example	Operating Voltage	Ope- rating Current	230V (Kw)	400V (Kw)	Size	Part Number AC/DC 24 V	Part Number AC/DC 110 ... 230 V
	200-480 V Screw-type terminals	12,5	3	5,5	S0	3RW4024-1BB04	3RW4024-1BB14
		25	5,5	11	S0	3RW4026-1BB04	3RW4026-1BB14
		32	7,5	15	S0	3RW4027-1BB04	3RW4027-1BB14
		38	11	18,5	S0	3RW4028-1BB04	3RW4028-1BB14
		45	11	22	S2	3RW4036-1BB04	3RW4036-1BB14
		63	18,5	30	S2	3RW4037-1BB04	3RW4037-1BB14
		72	22	37	S2	3RW4038-1BB04	3RW4038-1BB14
		80	22	45	S3	3RW4046-1BB04	3RW4046-1BB14
		106	30	55	S3	3RW4047-1BB04	3RW4047-1BB14
	200-480 V Screw-type terminals	143	37	75	S6	3RW5055-6AB04	3RW5055-6AB14
		171	45	90	S6	3RW5056-6AB04	3RW5056-6AB14
		210	55	110	S12	3RW5072-6AB04	3RW5072-6AB14

SIRIUS 3RP25 Time Relay in and industrial enclosure

Example	Contacts	Width in mm	Rated control supply voltage	Time range	Functions	Part Number
Multifunction time relays						
	1 W / 1 CO	17,5	AC/DC 12 – 240 V	0,05 s – 100 h	13	3RP2505-1AW30
	2 W / 2 CO	22,5	AC/DC 12 – 240 V	0,05 s – 100 h	27	3RP2505-1BW30
On-delay time relays						
	1 W / 1 CO	17,5	AC/DC 12 – 240 V	0,5 s – 10 s	On-delay	3RP2511-1AW30
	1 W / 1 CO	17,5	AC/DC 12 – 240 V	1 s – 30 s		3RP2512-1AW30
	1 W / 1 CO	17,5	AC/DC 12 – 240 V	5 s – 100 s		3RP2513-1AW30
	1 W / 1 CO	17,5	AC/DC 12 – 240 V	0,05 s – 100 h		3RP2525-1AW30
	2 W / 2 CO	22,5	AC/DC 12 – 240 V	0,05 s – 100 h		3RP2525-1BW30
Off-delay time relays with control signal						
	1 W / 1 CO	17,5	AC/DC 12 – 240 V	0,05 s – 100 h	Off-delay	3RP2535-1AW30
Off-delay time relays without control signal						
	1 W / 1 CO	22,5	AC/DC 12 – 240 V	0,05 s – 600 s	Off-delay	3RP2540-1AW30
	2 W / 2 CO	22,5	AC/DC 12 – 240 V	0,05 s – 600 s		3RP2540-1BW30
Star-delta function						
	2 S / 2 NO	22,5	AC/DC 12 – 240 V	1 s – 20 s	Star-delta	3RP2574-1NW30
	2 S / 2 NO	22,5	AC/DC 12 – 240 V	3 s – 60 s		3RP2576-1NW30

CO change-over contact

All products are available with spring-loaded terminals.

Example	Screw-type	3RP2505-1AW30
	Spring-type	3RP2505-2AW30

SIRIUS 3SK1 Safety Relays

Example	Description	Adjustable off-delay time	Rated control supply voltage	Enable circuits	Signaling circuits	Part Number
Screw-type terminals						
Standard basic units, 22.5 mm						
	with relay outputs	–	AC/DC 24 V	3	1	3SK1111-1AB30
		–	AC/DC 110 – 240 V	3	1	3SK1111-1AW20
	with semicon- ductor outputs	–	DC 24 V	2	1	3SK1112-1BB40
Advanced basic units, 22.5 mm						
	with relay output	–	DC 24 V	3	1	3SK1121-1AB40
		0,05 – 3 s	DC 24 V	2/2tv	–	3SK1121-1CB41
		0,5 – 30 s	DC 24 V	2/2tv	–	3SK1121-1CB42
	with semicon- ductor outputs	–	DC 24 V	3	1	3SK1122-1AB40
		0,5 – 30 s	DC 24 V	2/2tv	–	3SK1122-1CB42
Input expansion module, 17.5 mm						
	Sensoren Sensor expansion modu- les for safety-ori- ented expansion of the advanced basic units by adding an additional 2-channel sensor or two 1-channel sensors	–	DC 24 V	–	–	3SK1220-1AB40
Output expansion module 4RO 22.5 mm						
	with relay outputs	–	DC 24 V	4	1	3SK1211-1BB40
Device connectors for saving wiring for advanced basic units, input or output expansion modules						
	Device connector 17.5 mm	–	–	–	–	3ZY1212-1BA00
	Device connector 22.5 mm	–	–	–	–	3ZY1212-2BA00
	Device terminating connectors 22.5 mm	–	–	–	–	3ZY1212-2DA00

SIRIUS ACT (complete units)

Example	Description	Contacts	Part Number	
			Plastic	Metal
 	Pushbutton with flat button	● 1NO	3SU1100-0AB10-1BA0	3SU1150-0AB10-1BA0
		● 1NC	3SU1100-0AB20-1CA0	3SU1150-0AB20-1CA0
		● 1NO	3SU1100-0AB40-1BA0	3SU1150-0AB40-1BA0
		● 1NO	3SU1100-0AB50-1BA0	3SU1150-0AB50-1BA0
 	Illuminated pushbutton with flat button AC/DC 24	● 1NO	3SU1102-0AB40-1BA0	3SU1152-0AB40-1BA0
		○ 1NO	3SU1102-0AB60-1BA0	3SU1152-0AB60-1BA0
		○ 1NO	3SU1102-0AB70-1BA0	3SU1152-0AB70-1BA0
	EMERGENCY-STOP devices with holder and yellow name plate, Ø 80 mm, with inscription	● 1NC	3SU1100-1HB20-1CG0	3SU1150-1HB20-1FG0
 	Selector switches	 1NO; latching	3SU1100-2BF60-1BA0	3SU1150-2BF60-1BA0
		 1NO, 1NO; latching	3SU1100-2BL60-1NA0	3SU1150-2BL60-1NA0
		 1NO, 1NO; momentary contact type	3SU1100-2BM60-1NA0	3SU1150-2BM60-1NA0
	Key-operated switches with holder, 2 switch positions (RONIS)	 1NO; latching	3SU1100-4BF11-1BA0	3SU1150-4BF11-1BA0
SIRIUS ACT (complete units)				
 	Indicator lights with smooth lens, with integrated LED AC/DC 24 V	●	3SU1102-6AA20-1AA0	3SU1152-6AA20-1AA0
		●	3SU1102-6AA40-1AA0	3SU1152-6AA40-1AA0
		○	3SU1102-6AA60-1AA0	3SU1152-6AA60-1AA0
 	Indicator lights with smooth lens, with integrated LED AC 230 V	●	3SU1106-6AA20-1AA0	3SU1156-6AA20-1AA0
		●	3SU1106-6AA40-1AA0	3SU1156-6AA40-1AA0
		○	3SU1106-6AA60-1AA0	3SU1156-6AA60-1AA0

SIRIUS ACT (actuators and indicators) Please order the holder separately

Example	Description	Part Number (without holder)	
		Plastic	Metal
 	Pushbutton with flat button, momentary contact type, without release	● 3SU1000-0AB10-0AA0	3SU1050-0AB10-0AA0
		● 3SU1000-0AB20-0AA0	3SU1050-0AB20-0AA0
		● 3SU1000-0AB40-0AA0	3SU1050-0AB40-0AA0
		● 3SU1000-0AB50-0AA0	3SU1050-0AB50-0AA0
		○ 3SU1000-0AB60-0AA0	3SU1050-0AB60-0AA0
		⊗ 3SU1000-0AB70-0AA0	3SU1050-0AB70-0AA0
	Pushbuttons with flat button, latching, with rotate-to-unlatch mechanism	3SU1000-0AA10-0AA0	3SU1050-0AA10-0AA0
 	Illuminated pushbutton, momentary contact type	● 3SU1001-0AB20-0AA0	3SU1051-0AB20-0AA0
		● 3SU1001-0AB30-0AA0	3SU1051-0AB30-0AA0
		● 3SU1001-0AB40-0AA0	3SU1051-0AB40-0AA0
		● 3SU1001-0AB50-0AA0	3SU1051-0AB50-0AA0
		○ 3SU1001-0AB60-0AA0	3SU1051-0AB60-0AA0
		⊗ 3SU1001-0AB70-0AA0	3SU1051-0AB70-0AA0
 	Indicator lights with smooth lens	● 3SU1001-6AA20-0AA0	3SU1051-6AA20-0AA0
		● 3SU1001-6AA30-0AA0	3SU1051-6AA30-0AA0
		● 3SU1001-6AA40-0AA0	3SU1051-6AA40-0AA0
		● 3SU1001-6AA50-0AA0	3SU1051-6AA50-0AA0
		○ 3SU1001-6AA60-0AA0	3SU1051-6AA60-0AA0
		⊗ 3SU1001-6AA70-0AA0	3SU1051-6AA70-0AA0
	Twin pushbuttons with indicator light, momentary contact type	● 3SU1001-3AB42-0AK0	3SU1051-3AB42-0AK0

Selector switches

	2 switch positions, latching (90°)		3SU1002-2BF60-0AA0	3SU1052-2BF60-0AA0
	2 switch positions, momentary contact type (45°)		3SU1002-2BC60-0AA0	3SU1052-2BC60-0AA0
	3 switch positions, latching (2x45°)		3SU1002-2BL60-0AA0	3SU1052-2BL60-0AA0
 	3 switch positions, momentary contact type (2x45°)		3SU1002-2BM60-0AA0	3SU1052-2BM60-0AA0

SIRIUS ACT (actuators and indicators)

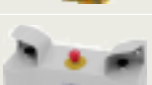
Example	Description	Switch position	Part Number	
			Plastic	Metal
Key-operated switches				
	2 switch positions, momentary contact type (RONIS SB30)		3SU1000-4BC01-0AA0	3SU1050-4BC01-0AA0
	2 switch positions, latching (RONIS SB 30)		3SU1000-4BF11-0AA0	3SU1050-4BF11-0AA0
	2 switch positions, latching (CES, SSG10) – (0+I)		3SU1000-5BF11-0AA0	3SU1050-5BF11-0AA0
	2 switch positions, latching (CES, SSG10) – (0)		3SU1000-5BF01-0AA0	3SU1050-5BF01-0AA0
	3 switch positions, latching (CES, SSG10)		3SU1000-5BL11-0AA0	3SU1050-5BL11-0AA0
	3 switch positions, latching (RONIS SB30)		3SU1000-4BL11-0AA0	3SU1050-4BL11-0AA0
Mushroom pusbutton 40 mm				
	momentary contact type, without release		3SU1000-1BD10-0AA0	3SU1050-1BD10-0AA0
	latching, with pull-to-unlatch mechanism		3SU1000-1BA20-0AA0	3SU1050-1BA20-0AA0
E-STOP mushroom pushbutton				
	with pull-to-unlatch mechanism Ø 40 mm		3SU1000-1HA20-0AA0	3SU1050-1HA20-0AA0
	with rotate-to-unlatch mechanism Ø 33,4 mm		3SU1000-1GB20-0AA0	3SU1050-1GB20-0AA0
	with rotate-to-unlatch mechanism Ø 40 mm		3SU1000-1HB20-0AA0	3SU1050-1HB20-0AA0
	Illuminated with rotate-to-unlatch mechanism Ø 40 mm		3SU1001-1HB20-0AA0	3SU1051-1HB20-0AA0
	with lock RONIS SB30		3SU1000-1HF20-0AA0	3SU1050-1HF20-0AA0
	with lock CES SSG10		3SU1000-1HR20-0AA0	3SU1050-1HR20-0AA0

SIRIUS ACT (accessories)

Example	Description	Contacts	Part Number		
			Plastic	Universal	Metal
Holder with/without contact block					
	3-way holder without module		3SU1500-0AA10-0AA0	3SU1550-0AA10-0AA0	3SU1510-0AA10-0AA0
			3SU1500-0AA10-0AA0-ZX01	3SU1550-0AA10-0AA0-ZX01	3SU1510-0AA10-0AA0-ZX01
	3-way holder with contact module	1NO	3SU1500-1AA10-1BA0	3SU1550-1AA10-1BA0	-
		1NC	3SU1500-1AA10-1CA0	3SU1550-1AA10-1CA0	-
Contact blocks, screw-type terminals for front plate mounting					
	Mounting depth 28 mm	1NO	3SU1400-1AA10-1BA0		
		1NC	3SU1400-1AA10-1CA0		
		1NO	3SU1400-1AA10-1BA0-ZX01		
		1NC	3SU1400-1AA10-1CA0-ZX01		
	Mounting depth 50 mm; with installation monitoring contact	1NC	3SU1400-1AA10-1HA0		
Contact blocks, spring-type terminals for front plate mounting					
	Mounting depth 28 mm	1NO	3SU1400-1AA10-3BA0		
		1NC	3SU1400-1AA10-3CA0		
		1NO	3SU1400-1AA10-3BA0-ZX01		
		1NC	3SU1400-1AA10-3CA0-ZX01		
Label holders for inscription labels					
	12,5 mm x 27 mm; round, flat		3SU1900-0AG10-0AA0		
	27 mm x 27 mm; round, flat		3SU1900-0AJ10-0AA0		
	17,5 mm x 28 mm; round design		3SU1900-0AS10-0AA0		
SIRIUS ACT (accessories)					
Example	Description		LED colour	Part Number	
Labels for sticking into label holder (10 pieces)					
	black/white 12,5 x 27			3SU1900-0AC16-0AA0	
	silver/black 12,5 x 27			3SU1900-0AC81-0AA0	
	black/white 17,5 x 27			3SU1900-0AD16-0AA0	
	black/white 27 x 27			3SU1900-0AE16-0AA0	
	silver/black 27 x 27			3SU1900-0AE81-0AA0	
	black/white 22 x 22			3SU1900-0AF16-0AA0	
	silver/black 22 x 22			3SU1900-0AF81-0AA0	
LED-module for front plate mounting mounting depth 50 mm					
	LED AC/DC 24 V, screw-type terminals		●	3SU1401-1BB20-1AA0	
			●	3SU1401-1BB30-1AA0	
			●	3SU1401-1BB40-1AA0	
			○	3SU1401-1BB60-1AA0	
	LED AC/DC 24 V, screw-type terminals		●	3SU1401-1BB20-1AA0-ZX01	
			●	3SU1401-1BB30-1AA0-ZX01	
			●	3SU1401-1BB40-1AA0-ZX01	
			○	3SU1401-1BB60-1AA0-ZX01	
	LED AC 230 V, screw-type terminals		●	3SU1401-1BF20-1AA0	
			●	3SU1401-1BF30-1AA0	
			●	3SU1401-1BF40-1AA0	
			○	3SU1401-1BF60-1AA0	
		LED, spring-type terminals		○	3SU1401-1BB60-3AA0

SIRIUS ACT Enclosures

Enclosures with standard fittings

	EMERGENCY-STOP mushroom pushbuttons, red, Ø 40 mm, with yellow top part, with protective collar, 1NC	3SU1801-0NA00-2AC2	3SU1851-0NA00-2AC2
	EMERGENCY-STOP mushroom pushbuttons, red, Ø 40 mm, with yellow top part, without protective collar, 1NC	3SU1801-0NA00-2AA2	3SU1851-0NA00-2AA2
	EMERGENCY-STOP mushroom pushbuttons, red, Ø 40 mm, with yellow top part, with protective collar, 2NC	3SU1801-0NB00-2AC2	3SU1851-0NB00-2AC2
	Two-hand operation consoles with standard fittings		3SU1853-3NB00-1AA1

SIRIUS ACT (accessories)

Example	Description	No. of command points	Part Number
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Empty enclosure, plastic

	for commanding devices, 22 mm, round, with yellow top part, without protective collar	1	3SU1801-0AA00-0AA2
	for commanding devices, 22 mm, round, with yellow top part, with protective collar	1	3SU1801-0AA00-0AC2
	for commanding devices, 22 mm, round, with grey top part	1	3SU1801-0AA00-0AB1
		2	3SU1802-0AA00-0AB1
		3	3SU1803-0AA00-0AB1
		4	3SU1804-0AA00-0AB1
		6	3SU1806-0AA00-0AB1

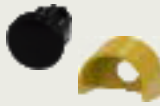
Empty enclosure, metal

	for commanding devices, 22 mm, round, with yellow top part, without protective collar	1	3SU1851-0AA00-0AA2
	for commanding devices, 22 mm, round, with yellow top part, with protective collar	1	3SU1851-0AA00-0AC2
	for commanding devices, 22 mm, round with grey top part	1	3SU1851-0AA00-0AB1
		2	3SU1852-0AA00-0AB1
		3	3SU1853-0AA00-0AB1
		4	3SU1854-0AA00-0AB1
		6	3SU1856-0AA00-0AB1

Contact blocks, screw-type terminals for base mounting (enclosure)

	with 1 contact element	1NO	3SU1400-2AA10-1BA0
		1NC	3SU1400-2AA10-1CA0
			3SU1400-2AA10-1BA0-ZX01
			3SU1400-2AA10-1CA0-ZX01
	with integrated white LED (AC/DC 24 V)		3SU1401-2BB60-1AA0
			3SU1401-2BB60-1AA0-ZX01

Protective covers

	Blanking plugs, round		3SU1900-0FA10-0AA0
	Protective collars for EMERGENCY-Stop, round		3SU1900-0DY30-0AA0

SIRIUS 3SE5 position switches

Example	Actuator	SR*	PR*	Part Number	
				Molded-plastic	Metal
Enclosure 31 mm width, acc. to EN 50047 with snap-action contacts 1NO / 1NC					
	Basic switch (actuator see below)			3SE5232-0CC05	3SE5212-0CC05
	Roller plunger		X	3SE5232-0HD03	3SE5212-0CD03
	Roller lever		X	3SE5232-0HE10	3SE5212-0CE10
	Angular roller lever		X	3SE5232-0HF10	3SE5212-0CF10
	Twist lever		X	3SE5232-0HK21	3SE5212-0CK21
	Twist lever, infinitely adjustable length		X	3SE5232-0HK50	3SE5212-0CK50
Enclosure 40 mm width, acc. to EN 50047 with snap-action contacts 1NO / 1NC					
	Basic switch (actuator see below)			3SE5132-0CA00	3SE5112-0CA00
	Rounded plunger high-grade steel			3SE5132-0CC03	3SE5112-0CC02
	Roller plunger	X		3SE5132-0CD05	3SE5112-0CD02
	Roller lever		X	3SE5132-0CE05	3SE5112-0CE01
	Angular roller lever		X	3SE5132-0CF05	3SE5112-0CF01
	Twist lever		X	3SE5132-0CJ01	3SE5112-0CH01
	Twist lever, infinitely adjustable length		X	3SE5132-0CJ50	3SE5112-0CH50
	Rod actuator, aluminium			3SE5132-0CJ80	3SE5112-0CH80
	Spring rod			3SE5132-0CR01	3SE5112-0CR01
Enclosure 50 mm / 56 mm width, acc. to EN 50047 with snap-action contacts 1NO / 1NC					
	Basic switch			3SE5242-0CC05 (with teflon plunger)	3SE5122-0CA00
	Plain plunger				3SE5122-0CB01
	Rounded plunger			See basic switch	3SE5122-0CC02 (High-grade steel)
	Roller plunger	X		3SE5242-0HD03	3SE5122-0CD02
	Roller lever		X	3SE5242-0HE10	3SE5122-0CE01
	Twist lever		X	3SE5242-0HK21	3SE5122-0CH01
	Twist lever, infinitely adjustable length		X	3SE5242-0HK50	3SE5122-0CH50

SR* – with high-grade steel roller
PR* – with plastic roller

Position Switches

Actuators for 3SE5 basic position switches

Plain plunger	Rounded plunger	Roller plunger	Roller lever	Angular roller lever	Spring rod	Twist actuator with twist lever	Twist actuator with twist lever adjustable length
						 	
Plain plunger	Rounded plunger	Roller plunger	Roller lever	Angular roller lever	Spring rod	Twist actuator	Twist lever, adjustable length

The appropriate order number can be selected from catalogue IC 10

SIRIUS 3SE5 position switches

Example	Contacts	Enclosure width	Part Number	
			Molded-plastic	Metal

Safety position switch with interlocking, 5 directions of approach

	1NO + 1NC	31 mm	3SE5232-0RV40	3SE5212-0RV40
	1NO + 2NC	31 mm	3SE5232-0QV40	3SE5212-0QV40
	1NO + 2NC	40 mm	3SE5132-0QV20	3SE5112-0QV10
	1NO + 2NC	50 mm	3SE5242-0QV40	
	1NO + 2NC	56 mm		3SE5122-0QV10

Supplied without actuator, please order separately

Actuator

Example	Version	Actuator length	Part Number
	Standard	75,6 mm	3SE5000-0AV01
	with vertical fixing	53 mm	3SE5000-0AV02
	with transverse fixing	47 mm	3SE5000-0AV03

Power Supplies

Example	Output	Input	Maße (H x B x T)	Part Number
	Voltage / Current	Rated voltage	Dimensions (h x w x d)	
SITOP compact – The slim power supply unit for control boxes				
	DC 12 V / 2,0 A, PSU100C	1 AC 100-230 V (AC 85...264 V/ DC 110...300 V)	30 x 80 x 100	6EP1321-5BA00
	DC 12 V / 6,5 A, PSU100C		52,5 x 80 x 100	6EP1322-5BA10
	DC 24 V / 0,6 A, PSU100C		22,5 x 80 x 100	6EP1331-5BA00
	DC 24 V / 1,3 A, PSU100C		30 x 80 x 100	6EP1331-5BA10
	DC 24 V / 2,5 A, PSU100C		45 x 80 x 100	6EP1332-5BA00
	DC 24 V / 4,0 A, PSU100C		52,5 x 80 x 100	6EP1332-5BA10
LOGO!Power – The flat power supply unit for distribution boards				
	DC 5 V / 3 A	1 AC 100-240 V (AC 85...264 V/ DC 110...300 V)	36 x 90 x 53	6EP3310-6SB00-0AY0
	DC 5 V / 6,3 A		54 x 90 x 53	6EP3311-6SB00-0AY0
	DC 12 V / 0,9 A		18 x 90 x 53	6EP3320-6SB00-0AY0
	DC 12 V / 1,9 A		36 x 90 x 53	6EP3321-6SB00-0AY0
	DC 12 V / 4,5 A		54 x 90 x 53	6EP3322-6SB00-0AY0
	DC 15 V / 1,9 A		36 x 90 x 53	6EP3321-6SB10-0AY0
	DC 15 V / 4 A		54 x 90 x 53	6EP3322-6SB10-0AY0
	DC 24 V / 0,6 A		18 x 90 x 53	6EP3330-6SB00-0AY0
	DC 24 V / 1,3 A		36 x 90 x 53	6EP3331-6SB00-0AY0
	DC 24 V / 2,5 A		54 x 90 x 53	6EP3332-6SB00-0AY0
	DC 24 V / 4 A		72 x 90 x 53	6EP3333-6SB00-0AY0
SITOP in SIMATIC Design				
	DC 14 V / 2,5, PM 1207	1 AC 120/230 V (AC 85...132/ 170...264 V)	70 x 100 x 75	6EP1332-1SH71
SITOP Lite & Smart – The powerful standard power supply				
	DC 24 V / 2.5 A, PSU100L	1 AC 120-230 V (AC 93 ... 132/ 187 ... 264 V)	32.5 x 125 x 120	6EP1332-1LB00
	DC 24 V / 5 A, PSU100L		50 x 125 x 120	6EP1333-1LB00
	DC 24 V / 10 A, PSU100L		70 x 125 x 150	6EP1334-1LB00
	DC 24 V / 20 A, PSU100L	1 AC 100-240 V	110 x 125 x 125	6EP1336-1LB00
	DC 24 V / 10 A, PSU300S	3 AC 400-500 V (3AC 340...550 V)	90 x 145 x 150	6EP1434-2BA20
	DC 24 V / 20 A, PSU300S		90 x 145 x 150	6EP1436-2BA10
	DC 24 V / 40 A, PSU300S		150 x 145 x 150	6EP1437-2BA20

Power Supplies

Example	Output	Input	Maße (H x B x T)	Part Number
	Voltage / Current	Rated voltage	Dimensions (h x w x d)	
SITOP modular – Technology Power Supply for Demanding Solutions				
	DC 24 V / 5 A, PSU8200	1 AC 120/230 V (AC 85...132/170...264 V)	45 x 125 x 125	6EP3333-8SB00-0AY0
	DC 24 V / 10 A, PSU8200		55 x 125 x 125	6EP3334-8SB00-0AY0
	DC 24 V / 20 A, PSU8200	1 AC 120-230 V (AC 85...275 V oder DC 88...350 V)	90 x 125 x 125	6EP1336-3BA10
	DC 24 V / 5 A, PSU200M	1/2 AC 120 – 230/230-500 V (AC 85...264/176...550 V)	70 x 125 x 125	6EP1333-3BA10
	DC 24 V / 10 A, PSU200M		70 x 125 x 125	6EP1334-3BA10
Expansion modules to increase the system availability				
	Buffer module			
	200 ms at 40 A – 1,6 s at 5 A, PSE201U	DC 24 V (24...28.8 V)	70 x 125 x 125	6EP1961-3BA01
	Selectivity module			
	4 x 0,5...3 A, PSE200U	DC 24 V (22...30 V)	72 x 80 x 72	6EP1961-2BA11
	4 x 3...10 A, PSE200U			6EP1961-2BA21
	4 x 0.5...3A PSE200U 3 A NEC Class 2			6EP1961-2BA51
PSU6200 Standard Power Supply with diagnostics				
	12 V/2 A, PSU6200	120 - 230 V AC / 120 - 240 V DC 85 - 264 V AC / 99 - 275 V DC	25 x 100 x 88	6EP3321-7SB00-0AX0
	12 V/7 A, PSU6200		35 x 135 x 125	6EP3323-7SB00-0AX0
	12 V/12 A, PSU6200		45 x 135 x 155	6EP3324-7SB00-3AX0
	24 V/1.3 A, PSU6200		25 x 100 x 88	6EP3331-7SB00-0AX0
	24 V/2.5 A, PSU6200		40 x 100 x 88	6EP3332-7SB00-0AX0
	24 V/3.7 A, PSU6200		35 x 135 x 125	6EP3333-7LB00-0AX0
	24 V/5 A, PSU6200		35 x 135 x 125	6EP3333-7SB00-0AX0
	24 V/10 A, PSU6200		45 x 135 x 125	6EP3334-7SB00-3AX0
	24 V/20 A, PSU6200		70 x 135 x 155	6EP3336-7SB00-3AX0
SEL1200/1400 Selectivity Modules				
	SEL1200 8 x 10A	DC 24 V	45 x 135 x 125	6EP4438-7FB00-3DX0
	SEL1400 8 x 10A	DC 24 V	45 x 135 x 125	6EP4438-7EB00-3DX0
	SEL1200 8 x 5A	DC 24 V	45 x 135 x 125	6EP4437-7FB00-3DX0
	SEL1400 8 x 5A	DC 24 V	45 x 135 x 125	6EP4437-7EB00-3DX0
	SEL1200 4x10A	DC 24 V	45 x 135 x 125	6EP4437-7FB00-3CX0
	SEL1400 4x10A	DC 24 V	45 x 135 x 125	6EP4437-7EB00-3CX0
RED1200 Redundancy Modules				
	RED1200 20A	DC 12-48 V	35 x 135 x 125	6EP4346-7RB00-0AX0
	RED1200 40A	DC 12-48 V	35 x 135 x 125	6EP4347-7RB00-0AX0

LOGO! 8 Logic module

Example	Description	Part Number
Basic modules with display		
	LOGO! 24CE 8DI/4DO	6ED1052-1CC08-0BA1
	LOGO! 12/24RCE 8DI/4DO Relay	6ED1052-1MD08-0BA1
	LOGO! 24RCE 8DI/4DO Relay	6ED1052-1HB08-0BA1
	LOGO! 230RCE 8DI/4DO Relay	6ED1052-1FB08-0BA1
Basic modules without display		
	LOGO! 24CEo 8DI/4DO	6ED1052-2CC08-0BA1
	LOGO! 12/24RCEo 8DI/4DO Relay	6ED1052-2MD08-0BA1
	LOGO! 24RCEo 8DI/4DO Relay	6ED1052-2HB08-0BA1
	LOGO! 230RCEo 8DI/4DO Relay	6ED1052-2FB08-0BA1
Digital expansion modules		
	LOGO! DM8 24, 4DI/4DO	6ED1055-1CB00-0BA2
	LOGO! DM8 12/24R, 4DI/4DO Relay	6ED1055-1MB00-0BA2
	LOGO! DM8 24R, 4DI/4DO Relay	6ED1055-1HB00-0BA2
	LOGO! DM8 230R, 4DI/4DO Relay	6ED1055-1FB00-0BA2
	LOGO! DM16 24, 8DI/8DO	6ED1055-1CB10-0BA2
	LOGO! DM16 24R, 8DI/8DO Relay	6ED1055-1NB10-0BA2
	LOGO! DM16 230R, 8DI/8DO Relay	6ED1055-1FB10-0BA2
Analogue expansion modules		
	LOGO! AM2, DC 12...24 V, 2AE 0...10 V oDir 0/4 ... 20 mA Analog Input	6ED1055-1MA00-0BA2
	LOGO! AM2 RTD, DC 12...24 V, 2AE -50...200 °C (Pt100/1000) Temperature Input	6ED1055-1MD00-0BA2
	LOGO! AM2 AQ, 2AA DC 0...10 V / 0/4...20 mA Analog Output	6ED1055-1MM00-0BA2
Communication modules		
	LOGO! CSM 12/24, 4 Port Ethernet Switch	6GK7177-1MA20-0AA0
	LOGO! CMR 2020 SMS/Email 2G Network	6GK7142-7BX00-0AX0
	LOGO! CMR 2040 SMS/Email 4G Network	6GK7142-7EX00-0AX0
	LOGO! CMK 2000 KNX	6BK1700-0BA20-0AA0
Starter Kits		
	LOGO! 8.2 12/24V Starter Kit	6ED1057-3BA01-0AA8
	LOGO! 8.2 230V Starter Kit	6ED1057-3BA03-0AA8
	LOGO! 8.2 TDE Starter Kit	6ED1057-3BA11-0AA8
	LOGO! 8 12/24V + KP300 Basic Starter Kit	6AV2132-0HA00-0AA1
	LOGO! 8 12/24V + KTP400 Basic Starter Kit	6AV2132-0KA00-0AA1
	LOGO! 8 12/24V + KTP700 Basic Starter Kit	6AV2132-3GB00-0AA1
Text display		
	LOGO! TDE Text Display	6ED1055-4MH08-0BA1
Software		
	LOGO! Soft Comfort V8	6ED1 058-0BA08-0YA1
Power Supplies		
	LOGO!POWER DC 5 V / 3 A 36 x 90 x 53	6EP3310-6SB00-0AY0
	LOGO!POWER DC 5 V / 6,3 A 54 x 90 x 53	6EP3311-6SB00-0AY0
	LOGO!POWER DC 12 V / 0,9 A 18 x 90 x 53	6EP3320-6SB00-0AY0
	LOGO!POWER DC 12 V / 1,9 A 36 x 90 x 53	6EP3321-6SB00-0AY0
	LOGO!POWER DC 12 V / 4,5 A 54 x 90 x 53	6EP3322-6SB00-0AY0
	LOGO!POWER DC 15 V / 1,9 A 36 x 90 x 53	6EP3321-6SB10-0AY0
	LOGO!POWER DC 15 V / 4 A 54 x 90 x 53	6EP3322-6SB10-0AY0
	LOGO!POWER DC 24 V / 0,6 A 18 x 90 x 53	6EP3330-6SB00-0AY0
	LOGO!POWER DC 24 V / 1,3 A 36 x 90 x 53	6EP3331-6SB00-0AY0
	LOGO!POWER DC 24 V / 2,5 A 54 x 90 x 53	6EP3332-6SB00-0AY0
	LOGO!POWER DC 24 V / 4 A 72 x 90 x 53	6EP3333-6SB00-0AY0

3LD Main Control and EMERGENCY-STOP Switches up to 125 A

Floor mounting, moulded-plastic enclosures

Overview

The 3LD switches are used for switching main and auxiliary circuits, but also for switching induction motors and other loads during maintenance and repair work.

They are manually operated switch disconnectors according to IEC 60947-3/VDE 0660 Part 107 (IEC 60947-3) and comply with the conditions for switch disconnectors.

The 3LD can be used as

- ON-OFF switch
- EMERGENCY-STOP switch
- Main control switch according to IEC 60204-1

In IEC 60204-1 (VDE 0113 Part 1), main switches are called "mains isolating devices", while EMERGENCY-STOP switches are termed "devices for emergency shutdown". Maintenance personnel can protect themselves against unauthorized startup with padlocks (up to three can be fitted).

3LD main control and EMERGENCY-STOP switches are approved according to UL 508

Selection and ordering data

Floor mounting

Main control and EMERGENCY-STOP switches with door-coupling rotary operating mechanism

- Red/yellow (EMERGENCY-STOP)
- With 300 mm switch shaft
- Lockable in 0 position with max. 3 padlocks
- IP65 degree of protection at the front
- Door-coupling rotary operating mechanism with integrated tolerance compensation
- Mounting using screws or snap-on mounting on 35 mm standard mounting rail
- Including terminal cover for the infeed side
- Front plate
- 3LD20, 3LD21, 3LD22: 67 mm × 67 mm
- 3LD25 to 3LD28: 90 mm × 90 mm
- Installation dimension
- 3LD20, 3LD21, 3LD22: 380 mm
- 3LD25 to 3LD28: 390 mm.



Moulded-plastic enclosures

Main control and EMERGENCY-STOP switches

- Red/yellow (EMERGENCY-STOP)
- With N- and/or PE-ground terminal
- Lockable in 0 position with upto max. 3 padlocks
- IP 65 degree of protection at the front
- Rotary operating mechanisms with center-hole mounting
- For floor-mounting auxiliary switches
- Metric screwed glands.



SINAMICS V20 basic inverters – Power components

Number and version of contacts		Rated data at 50 ... 60 Hz 380 ... 440 V		Part Number	Part Number
Main elements	Aux elements	P/ AC-23A kW	I _u A		
3	--	7.5	16	3LD2013-0TK53	3LD2064-0TB53
		9.5	25	3LD2113-0TK53	3LD2164-0TB53
		11.5	32	3LD2213-0TK53	3LD2264-0TB53
		22	63	3LD2514-0TK53	3LD2565-0TB53
		37	100	3LD2714-0TK53	3LD2766-0TB53
		45	125	3LD2814-0TK53	3LD2866-0TB53
3 + N		7.5	16	3LD2013-1TL53	3LD2064-1TC53
		9.5	25	3LD2113-1TL53	3LD2164-1TC53
		11.5	32	3LD2213-1TL53	3LD2264-1TC53
		22	63	3LD2514-1TL53	3LD2565-1TC53
		37	100	3LD2714-0TK53 +1) 3LD9280-0C	3LD2766-0TB53 +1) 3LD9280-0C
		45	125	3LD2814-0TK53 +1) 3LD9280-0C	3LD2866-0TB53 +1) 3LD9280-0C

5SY Miniature Circuit Breakers

High-capacity range

Selection and ordering data

- Un: 230/400 AC V, 50-60 Hz, applicable in networks up to 250/440 V AC, 60 V DC per pole
- Standards IEC 60898, (VDE 0641 Part 11), IEC 60898
- Supplementary components can be retrofitted
- 70 mm mounting depth

Characteristics C

General line protection, especially advantageous with higher inrush currents (lamps, motors, etc.).

Characteristics D

Tripping range adapted to operating equipment involving significant pulse generation (transformers, solenoid valves).

Example	Version	In	MW	Characteristic B	Characteristic C	Characteristic C	Characteristic D
		A		Part Number	Part Number	Part Number	Part Number
Miniature circuit breakers				6,000 A	6,000 A	10,000 A	10,000 A
	1P, 230/400 V AC	0.5	1	-	5SY6105-7	5SY4105-7	5SY4105-8
		1		-	5SY6101-7	5SY4101-7	5SY4101-8
		1.6		-	5SY6115-7	5SY4115-7	5SY4115-8
		2		5SY6102-6	5SY6102-7	5SY4102-7	5SY4102-8
		3		-	5SY6103-7	5SY4103-7	5SY4103-8
		4		5SY6104-6	5SY6104-7	5SY4104-7	5SY4104-8
		6		5SY6106-6	5SY6106-7	5SY4106-7	5SY4106-8
		8		-	5SY6108-7	5SY4108-7	5SY4108-8
		10		5SY6110-6	5SY6110-7	5SY4110-7	5SY4110-8
		13		5SY6113-6	5SY6113-7	5SY4113-7	5SY4113-8
		16		5SY6116-6	5SY6116-7	5SY4116-7	5SY4116-8
		20		5SY6120-6	5SY6120-7	5SY4120-7	5SY4120-8
		25		5SY6125-6	5SY6125-7	5SY4125-7	5SY4125-8
		32		5SY6132-6	5SY6132-7	5SY4132-7	5SY4132-8
		40		5SY6140-6	5SY6140-7	5SY4140-7	5SY4140-8
		50		5SY6150-6	5SY6150-7	5SY4150-7	5SY4150-8
		63		5SY6163-6	5SY6163-7	5SY4163-7	5SY4163-8
	2P, 400 V AC	0.5	2	-	5SY6205-7	5SY4205-7	5SY4205-8
		1		-	5SY6201-7	5SY4201-7	5SY4201-8
		1.6		-	5SY6215-7	5SY4215-7	5SY4215-8
		2		-	5SY6202-7	5SY4202-7	5SY4202-8
		3		-	5SY6203-7	5SY4203-7	5SY4203-8
		4		-	5SY6204-7	5SY4204-7	5SY4204-8
		6		5SY6206-6	5SY6206-7	5SY4206-7	5SY4206-8
		8		-	5SY6208-7	5SY4208-7	5SY4208-8
		10		5SY6210-6	5SY6210-7	5SY4210-7	5SY4210-8
		13		5SY6213-6	5SY6213-7	5SY4213-7	5SY4213-8
		16		5SY6216-6	5SY6216-7	5SY4216-7	5SY4216-8
		20		5SY6220-6	5SY6220-7	5SY4220-7	5SY4220-8
		25		5SY6225-6	5SY6225-7	5SY4225-7	5SY4225-8
		32		5SY6232-6	5SY6232-7	5SY4232-7	5SY4232-8
		40		5SY6240-6	5SY6240-7	5SY4240-7	5SY4240-8
		50		5SY6250-6	5SY6250-7	5SY4250-7	5SY4250-8
		63		5SY6263-6	5SY6263-7	5SY4263-7	5SY4263-8
	3P, 400 V AC	0.5	3	-	5SY6305-7	5SY4305-7	5SY4305-8
		1		-	5SY6301-7	5SY4301-7	5SY4301-8
		1.6		-	5SY6315-7	5SY4315-7	5SY4315-8
		2		-	5SY6302-7	5SY4302-7	5SY4302-8
		3		-	5SY6303-7	5SY4303-7	5SY4303-8
		4		-	5SY6304-7	5SY4304-7	5SY4304-8
		6		5SY6306-6	5SY6306-7	5SY4306-7	5SY4306-8
		8		-	5SY6308-7	5SY4308-7	5SY4308-8
		10		5SY6310-6	5SY6310-7	5SY4310-7	5SY4310-8
		13		5SY6313-6	5SY6313-7	5SY4313-7	5SY4313-8
		16		5SY6316-6	5SY6316-7	5SY4316-7	5SY4316-8
		20		5SY6320-6	5SY6320-7	5SY4320-7	5SY4320-8
		25		5SY6325-6	5SY6325-7	5SY4325-7	5SY4325-8
		32		5SY6332-6	5SY6332-7	5SY4332-7	5SY4332-8
		40		5SY6340-6	5SY6340-7	5SY4340-7	5SY4340-8
		50		5SY6350-6	5SY6350-7	5SY4350-7	5SY4350-8
		63		5SY6363-6	5SY6363-7	5SY4363-7	5SY4363-8

5SY Miniature Circuit Breakers

Auxiliary Switches

Overview

- Can be individually retrofitted
- Mounting with factory-installed clips
- Short-circuit protection via miniature circuit-breakers or characteristic C and In = 6 A or gG 6 A fuses
- Broad range of applications thanks to the additional version for controlling programmable controllers (PLC) acc. to IEC 61131-2
- Connectable to instabus EIB and AS-Interface bus via binary inputs

- Max. contact load:

NO contacts:

2 A, 400 V AC, AC-14
6 A, 230 V AC, AC-14
1 A, 220 V DC, DC-13
1 A, 110 V DC, DC-13
3 A, 60 V DC, DC-13
6 A, 24 V DC, DC-13

NC contacts:

2 A, 400 V AC, AC-13
6 A, 230 V AC, AC-13
1 A, 220 V DC, DC-13
1 A, 110 V DC, DC-13
3 A, 60 V DC, DC-13
6 A, 24 V DC, DC-13

- Indication of the miniature circuit-breaker's switching state:
- AS: ON/OFF

Selection and ordering data

Auxiliary switches

	Version	MW	Part Number
	1 NO + 1 NC	0.5	5ST3010
	2 NO	0.5	5ST3011

Accessories for 5SY miniature circuit breakers

Overview

Busbar system

- Acc. to DIN 57606 and DIN 57659
- Load for one-side/central infeed:
65 A/120 A for 16 mm²
- Pin-type connections
- Single and multi-phase
- Max. contact load:

- Cu 16 mm² fully insulated
- 18 mm lug spacing
- No additional connection terminal required for stranded connections up to 35 mm²
- Excellent accessibility of the feeder cables

Selection and ordering data

5ST3 7 busbar systems, 16 mm²

	Version	Length	Part Number
	Can be cut, without end caps 1-phase, angled, for MCB 1P	1 016	5ST3701
	2-phase, for MCB 2P		5ST3705
	3-phase, for MCB 3P		5ST3710

End caps for 5ST3 7, can be cut

	Required to isolate the ends of cut-to-length busbars for 1-phase busbars		
	2-phase, for MCB 2P		5ST3748
	3-phase, for MCB 3P		5ST3750

3VA1 Moulded Case Circuit Breaker

Thermo-Magnetic, 36kA

Selection and ordering data

- Un: 230/400 AC V, 50-60 Hz
- Standards: IEC 60947
- Supplementary accessories can be retrofitted

TM210 = Fixed Thermal (Over-Load), Fixed Magnetic (Short-Circuit)
 TM220 = Adjustable Thermal (Over-Load), Fixed Magnetic (Short-Circuit)
 TM220 = Adjustable Thermal (Over-Load), Adjustable Magnetic (Short-Circuit)

Further Breaking Capacities available on request.

Example	Version	In	TM210	TM220	TM240
		A	Part Number	Part Number	Part Number
Moulded Case Circuit Breakers			Icu=36kA	Icu=36kA	Icu=36kA
	1P, 230/400 V AC	16	3VA1196-4ED16-0AA0	-	-
		20	3VA1120-4ED16-0AA0	-	-
		25	3VA1125-4ED16-0AA0	-	-
		32	3VA1132-4ED16-0AA0	-	-
		40	3VA1140-4ED16-0AA0	-	-
		50	3VA1150-4ED16-0AA0	-	-
		63	3VA1163-4ED16-0AA0	-	-
		80	3VA1180-4ED16-0AA0	-	-
		100	3VA1110-4ED16-0AA0	-	-
		125	3VA1112-4ED16-0AA0	-	-
		160	3VA1116-4ED16-0AA0	-	-
	3P, 400 V AC	16	-	3VA1196-4EE36-0AA0	3VA1196-4GE46-0AA0
		20	-	3VA1120-4EE36-0AA0	3VA1120-4GE46-0AA0
		25	-	3VA1125-4EE36-0AA0	3VA1125-4GE46-0AA0
		32	-	3VA1132-4EE36-0AA0	3VA1132-4GE46-0AA0
		40	-	3VA1140-4EE36-0AA0	3VA1140-4GE46-0AA0
		50	-	3VA1150-4EE36-0AA0	3VA1150-4GE46-0AA0
		63	-	3VA1163-4EE36-0AA0	3VA1163-4GE46-0AA0
		80	-	3VA1180-4EE36-0AA0	3VA1180-4GE46-0AA0
		100	-	3VA1110-4EE36-0AA0	3VA1110-4GE46-0AA0
		125	-	3VA1112-4EE36-0AA0	3VA1112-4GE46-0AA0
		160	-	3VA1116-4EE36-0AA0	3VA1116-4GE46-0AA0
	4P, 400 V AC	16	-	3VA1196-4EF36-0AA0	3VA1196-4GF46-0AA0
		20	-	3VA1120-4EF36-0AA0	3VA1120-4GF46-0AA0
		25	-	3VA1125-4EF36-0AA0	3VA1125-4GF46-0AA0
		32	-	3VA1132-4EF36-0AA0	3VA1132-4GF46-0AA0
		40	-	3VA1140-4EF36-0AA0	3VA1140-4GF46-0AA0
		50	-	3VA1150-4EF36-0AA0	3VA1150-4GF46-0AA0
		63	-	3VA1163-4EF36-0AA0	3VA1163-4GF46-0AA0
		80	-	3VA1180-4EF36-0AA0	3VA1180-4GF46-0AA0
		100	-	3VA1110-4EF36-0AA0	3VA1110-4GF46-0AA0
		125	-	3VA1112-4EF36-0AA0	3VA1112-4GF46-0AA0
		160	-	3VA1116-4EF36-0AA0	3VA1116-4GF46-0AA0

3VA1 Moulded Case Circuit Breaker Accessories

Example						Part Number
	Type	Version	Ie	Ue AC/DC	Dimensions	
Auxiliary switches AUX / Trip Alarm Sitches TAS						
	HQ	Standard	6 A	240V / 250V	7mm (1 Slot)	3VA9988-0AA12
	HQ	Standard	6 A	240V / 250V	7mm (1 Slot)	3VA9988-0AB12
Locking						
	Locking provision for handle operating mechanism	3VA11 / 3VA12				3VA9088-0LB10
Circular conductor terminals, 3P / 4P						
	3 single terminals, 1 extended terminal cover, 1 insulation plate	3VA10 / 3VA11			25 ... 150 mm²	3VA9113-0JJ12
	4 single terminals, 1 extended terminal cover, 1 insulation plate	3VA10 / 3VA11			25 ... 150 mm²	3VA9114-0JJ12
Terminal covers specially for fixed-mounted units, Short						
	1P	3VA11				3VA9111-0WD10
	3P	3VA10 / 3VA11				3VA9111-0WD30
	4P	3VA10 / 3VA11				3VA9111-0WD40
Terminal covers specially for fixed-mounted units, Extended						
	3P	3VA10 / 3VA11				3VA9111-0WF30
	4P	3VA10 / 3VA11				3VA9111-0WF30

Configuration Tools

SENTRON

Overview

- The configurator tool allow for the easy selection of devices.
- It is available for both Sirius And Sentron Products.

SENTRON Configurators

	3VA1/2 Molded Case Circuit Breaker	Link To Configurator
	3VA27 Molded Case Circuit Breaker	Link To Configurator
	3VA5/6 Molded Case Circuit Breaker	Link To Configurator
	3WA1 Air Ciecuit Breaker IEC	Link To Configurator
	3WA Circuit Breakers UL incl. IEC	Link To Configurator

SIRIUS

SIRIUS Configurators

	SIRIUS ACT Pushbutton Units and Indicator Lights	Link To Configurator
	Position Switches 3SE5/3SF1	Link To Configurator

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