

CONTROL SECTION 6

Miniature circuit breakers, residual current devices and fuse holders





Table of contents

UL 489 circuit breakers

- 6-4 Overview
- 6-5 SU200M series
- 6-8 SUP200M series
- 6-11 SU200MR series
- 6-12 S200UDC series
- 6-14 S800U series
- 6-16 S804U-UCZ series
- 6-17 Accessories and busbars

UL 1077 supplementary protectors

- 6-23 Overview
- 6-24 ST200M series
- 6-34 S200MR series
- 6-35 S200MUC series
- 6-38 S800C series
- 6-42 S800S series
- 6-46 S300P series
- 6-52 ST200MTR series
- 6-57 Accessories and busbars

- 6-59 S804U-PVS5 GFDI
- 6-60 S803W-SCL-SR short-circuit current limiter
- 6-61 EPD24 electronic circuit breakers

Ground-fault protective devices

- 6-62 F200 series A type
- 6-69 DS201UL RCBO

Fuse holders

- 6-72 E90 fuse holders

UL 489 series

Overview

SU200M, SUP200M, SU200MR, S200UDC, S800U, S800U-UCZ



SU200M

Description

ABB's UL 489 miniature circuit breakers offer a compact solution for all branch circuit protection requirements. They are current-limiting according to UL 489 and DIN rail mounted.

ABB's UL 489 MCBs come in up to three trip curves to provide maximum circuit protection.

For the worldwide market, the breakers carry UL, CSA, IEC, CE and many other agency approvals and certifications.

Features

- UL current limiting
- Fast breaking time (2.3–2.5 ms)
- Bus connection system
- Wide range of accessories
- Available with variable depth handle mechanism
- CE certified and marked
- DIN rail mounting
- Finger-safe terminals
- Multi-function terminals
- Suitable for reverse feed (except for S200UDC)
- UL 489 listed branch circuit protective device, UL File #E212323 and E312425



SU200MR

Type	SU200M	SUP200M	SU200MR	S200UDC
Ampacities	0.2–63	1–40 (K: 35)	0.2–63	1–63
Voltage	up to 480Y/277 V AC 48/96 V DC	480Y/277 V AC	up to 480Y/277 V AC	up to 125/250 V DC
Trip curves	Z, C, K	Z, C, K	K	Z, K
Interrupt rating	10 kA	14 kA	10 kA	14 kA
Auxiliary contacts	yes	yes	yes	yes
Bell alarm	yes	yes	yes	yes
Shunt trip	yes	yes	yes	yes
Rotary handle mechanism	yes	yes	yes	yes
LOTO adapter	yes	yes	yes	yes
Busbars (cuttable)	yes	yes	yes	yes
Busbars (fixed length)	yes	yes	–	yes



S200UDC

Type	S800U	S800U-UCZ
Amperage	10–100 A	10–80 A
Voltage	240 V AC	600 V DC
Poles	1, 2, 3, 4	4 in series
Trip curves	Z (B), K	Z (K)
Short circuit interrupt rating	30/50 kA (1-/multipole)	10 kA
Auxiliary contacts	yes	–
Bell alarm	yes	–
Shunt trip	yes	–
Undervoltage release	yes	–
Rotary handle mechanism	yes	–
Motor operator	yes	–
Terminals	compression/ring tongue	compression



S800U

SU200M-C

Branch circuit protection — UL 489, CSA 22.2 No. 5



SU201M-C5



SU202M-C5



SU203M-C5



SU204M-C5

Number of poles	Rated current I_n A	Cat. no.	Number of poles	Rated current I_n A	Cat. no.
1	0.5	SU201M-C0.5	3	0.5	SU203M-C0.5
	1	SU201M-C1		1	SU203M-C1
	1.6	SU201M-C1.6		1.6	SU203M-C1.6
	2	SU201M-C2		2	SU203M-C2
	3	SU201M-C3		3	SU203M-C3
	4	SU201M-C4		4	SU203M-C4
	5	SU201M-C5		5	SU203M-C5
	6	SU201M-C6		6	SU203M-C6
	7	SU201M-C7		7	SU203M-C7
	8	SU201M-C8		8	SU203M-C8
	10	SU201M-C10		10	SU203M-C10
	13	SU201M-C13		13	SU203M-C13
	15	SU201M-C15		15	SU203M-C15
	16	SU201M-C16		16	SU203M-C16
	20	SU201M-C20		20	SU203M-C20
25	SU201M-C25	25	SU203M-C25		
30	SU201M-C30	30	SU203M-C30		
32	SU201M-C32	32	SU203M-C32		
35	SU201M-C35	35	SU203M-C35		
40	SU201M-C40	40	SU203M-C40		
50	SU201M-C50	50	SU203M-C50		
60	SU201M-C60	60	SU203M-C60		
63	SU201M-C63	63	SU203M-C63		
2	0.5	SU202M-C0.5	4	0.5	SU204M-C0.5
	1	SU202M-C1		1	SU204M-C1
	1.6	SU202M-C1.6		1.6	SU204M-C1.6
	2	SU202M-C2		2	SU204M-C2
	3	SU202M-C3		3	SU204M-C3
	4	SU202M-C4		4	SU204M-C4
	5	SU202M-C5		5	SU204M-C5
	6	SU202M-C6		6	SU204M-C6
	7	SU202M-C7		7	SU204M-C7
	8	SU202M-C8		8	SU204M-C8
	10	SU202M-C10		10	SU204M-C10
	13	SU202M-C13		13	SU204M-C13
	15	SU202M-C15		15	SU204M-C15
	16	SU202M-C16		16	SU204M-C16
	20	SU202M-C20		20	SU204M-C20
25	SU202M-C25	25	SU204M-C25		
30	SU202M-C30	30	SU204M-C30		
32	SU202M-C32	32	SU204M-C32		
35	SU202M-C35	35	SU204M-C35		
40	SU202M-C40	40	SU204M-C40		
50	SU202M-C50	50	SU204M-C50		
60	SU202M-C60	60	SU204M-C60		
63	SU202M-C63	63	SU204M-C63		

SU200M-K

Branch circuit protection — UL 489, CSA 22.2 No. 5



SU201M-K5



SU202M-K5



SU203M-K5



SU204M-K5

Number of poles	Rated current		Number of poles	Rated current	
	I_n A	Cat. no.		I_n A	Cat. no.
1	0.2	SU201M-K0.2	3	0.2	SU203M-K0.2
	0.3	SU201M-K0.3		0.3	SU203M-K0.3
	0.5	SU201M-K0.5		0.5	SU203M-K0.5
	0.75	SU201M-K0.75		0.75	SU203M-K0.75
	1	SU201M-K1		1	SU203M-K1
	1.6	SU201M-K1.6		1.6	SU203M-K1.6
	2	SU201M-K2		2	SU203M-K2
	3	SU201M-K3		3	SU203M-K3
	4	SU201M-K4		4	SU203M-K4
	5	SU201M-K5		5	SU203M-K5
	6	SU201M-K6		6	SU203M-K6
	7	SU201M-K7		7	SU203M-K7
	8	SU201M-K8		8	SU203M-K8
	10	SU201M-K10		10	SU203M-K10
	13	SU201M-K13		13	SU203M-K13
	15	SU201M-K15		15	SU203M-K15
	16	SU201M-K16		16	SU203M-K16
	20	SU201M-K20		20	SU203M-K20
	25	SU201M-K25		25	SU203M-K25
30	SU201M-K30	30	SU203M-K30		
32	SU201M-K32	32	SU203M-K32		
35	SU201M-K35	35	SU203M-K35		
40	SU201M-K40	40	SU203M-K40		
50	SU201M-K50	50	SU203M-K50		
60	SU201M-K60	60	SU203M-K60		
63	SU201M-K63	63	SU203M-K63		
2	0.2	SU202M-K0.2	4	0.2	SU204M-K0.2
	0.3	SU202M-K0.3		0.3	SU204M-K0.3
	0.5	SU202M-K0.5		0.5	SU204M-K0.5
	0.75	SU202M-K0.75		0.75	SU204M-K0.75
	1	SU202M-K1		1	SU204M-K1
	1.6	SU202M-K1.6		1.6	SU204M-K1.6
	2	SU202M-K2		2	SU204M-K2
	3	SU202M-K3		3	SU204M-K3
	4	SU202M-K4		4	SU204M-K4
	5	SU202M-K5		5	SU204M-K5
	6	SU202M-K6		6	SU204M-K6
	7	SU202M-K7		7	SU204M-K7
	8	SU202M-K8		8	SU204M-K8
	10	SU202M-K10		10	SU204M-K10
	13	SU202M-K13		13	SU204M-K13
	15	SU202M-K15		15	SU204M-K15
	16	SU202M-K16		16	SU204M-K16
	20	SU202M-K20		20	SU204M-K20
	25	SU202M-K25		25	SU204M-K25
	30	SU202M-K30		30	SU204M-K30
	32	SU202M-K32		32	SU204M-K32
35	SU202M-K35	35	SU204M-K35		
40	SU202M-K40	40	SU204M-K40		
50	SU202M-K50	50	SU204M-K50		
60	SU202M-K60	60	SU204M-K60		
63	SU202M-K63	63	SU204M-K63		

SU200M-Z

Branch circuit protection — UL 489, CSA 22.2 No. 5



SU201M-Z5



SU202M-Z5



SU203M-Z5



SU204M-Z5

Number of poles	Rated current I_n A	Cat. no.	Number of poles	Rated current I_n A	Cat. no.
1	0.5	SU201M-Z0.5	3	0.5	SU203M-Z0.5
	1	SU201M-Z1		1	SU203M-Z1
	1.6	SU201M-Z1.6		1.6	SU203M-Z1.6
	2	SU201M-Z2		2	SU203M-Z2
	3	SU201M-Z3		3	SU203M-Z3
	4	SU201M-Z4		4	SU203M-Z4
	5	SU201M-Z5		5	SU203M-Z5
	6	SU201M-Z6		6	SU203M-Z6
	7	SU201M-Z7		7	SU203M-Z7
	8	SU201M-Z8		8	SU203M-Z8
	10	SU201M-Z10		10	SU203M-Z10
	13	SU201M-Z13		13	SU203M-Z13
	15	SU201M-Z15		15	SU203M-Z15
	16	SU201M-Z16		16	SU203M-Z16
	20	SU201M-Z20		20	SU203M-Z20
	25	SU201M-Z25		25	SU203M-Z25
	30	SU201M-Z30		30	SU203M-Z30
32	SU201M-Z32	32	SU203M-Z32		
35	SU201M-Z35	35	SU203M-Z35		
40	SU201M-Z40	40	SU203M-Z40		
50	SU201M-Z50	50	SU203M-Z50		
60	SU201M-Z60	60	SU203M-Z60		
63	SU201M-Z63	63	SU203M-Z63		
2	0.5	SU202M-Z0.5	4	0.5	SU204M-Z0.5
	1	SU202M-Z1		1	SU204M-Z1
	1.6	SU202M-Z1.6		1.6	SU204M-Z1.6
	2	SU202M-Z2		2	SU204M-Z2
	3	SU202M-Z3		3	SU204M-Z3
	4	SU202M-Z4		4	SU204M-Z4
	5	SU202M-Z5		5	SU204M-Z5
	6	SU202M-Z6		6	SU204M-Z6
	7	SU202M-Z7		7	SU204M-Z7
	8	SU202M-Z8		8	SU204M-Z8
	10	SU202M-Z10		10	SU204M-Z10
	13	SU202M-Z13		13	SU204M-Z13
	15	SU202M-Z15		15	SU204M-Z15
	16	SU202M-Z16		16	SU204M-Z16
	20	SU202M-Z20		20	SU204M-Z20
	25	SU202M-Z25		25	SU204M-Z25
	30	SU202M-Z30		30	SU204M-Z30
32	SU202M-Z32	32	SU204M-Z32		
35	SU202M-Z35	35	SU204M-Z35		
40	SU202M-Z40	40	SU204M-Z40		
50	SU202M-Z50	50	SU204M-Z50		
60	SU202M-Z60	60	SU204M-Z60		
63	SU202M-Z63	63	SU204M-Z63		

SUP200M-C

Branch circuit protection — UL 489, CSA 22.2 No. 5



SUP201M-C5



SUP202M-C5



SUP203M-C5

Number of poles	Rated current I_n A	Cat. no.	Number of poles	Rated current I_n A	Cat. no.
1	1	SUP201M-C1	3	1	SUP203M-C1
	1.6	SUP201M-C1.6		1.6	SUP203M-C1.6
	2	SUP201M-C2		2	SUP203M-C2
	3	SUP201M-C3		3	SUP203M-C3
	4	SUP201M-C4		4	SUP203M-C4
	5	SUP201M-C5		5	SUP203M-C5
	6	SUP201M-C6		6	SUP203M-C6
	7	SUP201M-C7		7	SUP203M-C7
	8	SUP201M-C8		8	SUP203M-C8
	10	SUP201M-C10		10	SUP203M-C10
	13	SUP201M-C13		13	SUP203M-C13
	15	SUP201M-C15		15	SUP203M-C15
	16	SUP201M-C16		16	SUP203M-C16
	20	SUP201M-C20		20	SUP203M-C20
	25	SUP201M-C25		25	SUP203M-C25
	30	SUP201M-C30		30	SUP203M-C30
32	SUP201M-C32	32	SUP203M-C32		
35	SUP201M-C35	35	SUP203M-C35		
40	SUP201M-C40	40	SUP203M-C40		
2	1	SUP202M-C1			
	1.6	SUP202M-C1.6			
	2	SUP202M-C2			
	3	SUP202M-C3			
	4	SUP202M-C4			
	5	SUP202M-C5			
	6	SUP202M-C6			
	7	SUP202M-C7			
	8	SUP202M-C8			
	10	SUP202M-C10			
	13	SUP202M-C13			
	15	SUP202M-C15			
	16	SUP202M-C16			
	20	SUP202M-C20			
	25	SUP202M-C25			
	30	SUP202M-C30			
32	SUP202M-C32				
35	SUP202M-C35				
40	SUP202M-C40				

SUP200M-K

Branch circuit protection — UL 489, CSA 22.2 No. 5



SUP201M-K5



SUP202M-K5



SUP203M-K5

Number of poles	Rated current I_n A	Cat. no.	Number of poles	Rated current I_n A	Cat. no.
1	1	SUP201M-K1	3	1	SUP203M-K1
	1.6	SUP201M-K1.6		1.6	SUP203M-K1.6
	2	SUP201M-K2		2	SUP203M-K2
	3	SUP201M-K3		3	SUP203M-K3
	4	SUP201M-K4		4	SUP203M-K4
	5	SUP201M-K5		5	SUP203M-K5
	6	SUP201M-K6		6	SUP203M-K6
	7	SUP201M-K7		7	SUP203M-K7
	8	SUP201M-K8		8	SUP203M-K8
	10	SUP201M-K10		10	SUP203M-K10
	13	SUP201M-K13		13	SUP203M-K13
	15	SUP201M-K15		15	SUP203M-K15
	16	SUP201M-K16		16	SUP203M-K16
	20	SUP201M-K20		20	SUP203M-K20
	25	SUP201M-K25		25	SUP203M-K25
	30	SUP201M-K30		30	SUP203M-K30
32	SUP201M-K32	32	SUP203M-K32		
35	SUP201M-K35	35	SUP203M-K35		
2	1	SUP202M-K1			
	1.6	SUP202M-K1.6			
	2	SUP202M-K2			
	3	SUP202M-K3			
	4	SUP202M-K4			
	5	SUP202M-K5			
	6	SUP202M-K6			
	7	SUP202M-K7			
	8	SUP202M-K8			
	10	SUP202M-K10			
	13	SUP202M-K13			
	15	SUP202M-K15			
	16	SUP202M-K16			
	20	SUP202M-K20			
	25	SUP202M-K25			
	30	SUP202M-K30			
32	SUP202M-K32				
35	SUP202M-K35				

SUP200M-Z

Branch circuit protection — UL 489, CSA 22.2 No. 5



SUP201M-Z5



SUP202M-Z5



SUP203M-Z5

Number of poles	Rated current I_n A	Cat. no.	Number of poles	Rated current I_n A	Cat. no.
1	1	SUP201M-Z1	3	1	SUP203M-Z1
	1.6	SUP201M-Z1.6		1.6	SUP203M-Z1.6
	2	SUP201M-Z2		2	SUP203M-Z2
	3	SUP201M-Z3		3	SUP203M-Z3
	4	SUP201M-Z4		4	SUP203M-Z4
	5	SUP201M-Z5		5	SUP203M-Z5
	6	SUP201M-Z6		6	SUP203M-Z6
	7	SUP201M-Z7		7	SUP203M-Z7
	8	SUP201M-Z8		8	SUP203M-Z8
	10	SUP201M-Z10		10	SUP203M-Z10
	15	SUP201M-Z15		15	SUP203M-Z15
	16	SUP201M-Z16		16	SUP203M-Z16
	20	SUP201M-Z20		20	SUP203M-Z20
	25	SUP201M-Z25		25	SUP203M-Z25
	30	SUP201M-Z30		30	SUP203M-Z30
	32	SUP201M-Z32		32	SUP203M-Z32
35	SUP201M-Z35	35	SUP203M-Z35		
40	SUP201M-Z40	40	SUP203M-Z40		
2	1	SUP202M-Z1			
	1.6	SUP202M-Z1.6			
	2	SUP202M-Z2			
	3	SUP202M-Z3			
	4	SUP202M-Z4			
	5	SUP202M-Z5			
	6	SUP202M-Z6			
	7	SUP202M-Z7			
	8	SUP202M-Z8			
	10	SUP202M-Z10			
	15	SUP202M-Z15			
	16	SUP202M-Z16			
	20	SUP202M-Z20			
	25	SUP202M-Z25			
	30	SUP202M-Z30			
	32	SUP202M-Z32			
35	SUP202M-Z35				
40	SUP202M-Z40				

SU200MR-K with ring tongue terminals

Branch circuit protection — UL 489, CSA 22.2 No. 5



SU201MR-K63



SU202MR-K63



SU203MR-K63



SU204MR-K63

Number of poles	Rated current		Number of poles	Rated current	
	I_n A	Cat. no.		I_n A	Cat. no.
1	0.2	SU201MR-K0.2	3	0.2	SU203MR-K0.2
	0.3	SU201MR-K0.3		0.3	SU203MR-K0.3
	0.5	SU201MR-K0.5		0.5	SU203MR-K0.5
	0.75	SU201MR-K0.75		0.75	SU203MR-K0.75
	1	SU201MR-K1		1	SU203MR-K1
	1.6	SU201MR-K1.6		1.6	SU203MR-K1.6
	2	SU201MR-K2		2	SU203MR-K2
	3	SU201MR-K3		3	SU203MR-K3
	4	SU201MR-K4		4	SU203MR-K4
	5	SU201MR-K5		5	SU203MR-K5
	6	SU201MR-K6		6	SU203MR-K6
	8	SU201MR-K8		8	SU203MR-K8
	10	SU201MR-K10		10	SU203MR-K10
	13	SU201MR-K13		13	SU203MR-K13
	15	SU201MR-K15		15	SU203MR-K15
	16	SU201MR-K16		16	SU203MR-K16
	20	SU201MR-K20		20	SU203MR-K20
	25	SU201MR-K25		25	SU203MR-K25
	30	SU201MR-K30		30	SU203MR-K30
	32	SU201MR-K32		32	SU203MR-K32
35	SU201MR-K35	35	SU203MR-K35		
40	SU201MR-K40	40	SU203MR-K40		
50	SU201MR-K50	50	SU203MR-K50		
60	SU201MR-K60	60	SU203MR-K60		
63	SU201MR-K63	63	SU203MR-K63		
2	0.2	SU202MR-K0.2	4	0.2	SU204MR-K0.2
	0.3	SU202MR-K0.3		0.3	SU204MR-K0.3
	0.5	SU202MR-K0.5		0.5	SU204MR-K0.5
	0.75	SU202MR-K0.75		0.75	SU204MR-K0.75
	1	SU202MR-K1		1	SU204MR-K1
	1.6	SU202MR-K1.6		1.6	SU204MR-K1.6
	2	SU202MR-K2		2	SU204MR-K2
	3	SU202MR-K3		3	SU204MR-K3
	4	SU202MR-K4		4	SU204MR-K4
	5	SU202MR-K5		5	SU204MR-K5
	6	SU202MR-K6		6	SU204MR-K6
	8	SU202MR-K8		8	SU204MR-K8
	10	SU202MR-K10		10	SU204MR-K10
	13	SU202MR-K13		13	SU204MR-K13
	15	SU202MR-K15		15	SU204MR-K15
	16	SU202MR-K16		16	SU204MR-K16
	20	SU202MR-K20		20	SU204MR-K20
	25	SU202MR-K25		25	SU204MR-K25
	30	SU202MR-K30		30	SU204MR-K30
	32	SU202MR-K32		32	SU204MR-K32
35	SU202MR-K35	35	SU204MR-K35		
40	SU202MR-K40	40	SU204MR-K40		
50	SU202MR-K50	50	SU204MR-K50		
60	SU202MR-K60	60	SU204MR-K60		
63	SU202MR-K63	63	SU204MR-K63		

S200UDC-K

Branch circuit protection — UL 489, CSA 22.2 No. 5



S201UDC-K16



S202UDC-K16

Number of poles	Rated current	
	I_n A	Cat. no.
1	1	S201UDC-K1
	1.6	S201UDC-K1.6
	2	S201UDC-K2
	3	S201UDC-K3
	4	S201UDC-K4
	5	S201UDC-K5
	6	S201UDC-K6
	8	S201UDC-K8
	10	S201UDC-K10
	13	S201UDC-K13
	15	S201UDC-K15
	16	S201UDC-K16
	20	S201UDC-K20
	25	S201UDC-K25
	30	S201UDC-K30
	2	32
40		S201UDC-K40
50		S201UDC-K50
60		S201UDC-K60
63		S201UDC-K63
1		S202UDC-K1
1.6		S202UDC-K1.6
2		S202UDC-K2
3		S202UDC-K3
4		S202UDC-K4
5		S202UDC-K5
6		S202UDC-K6
8		S202UDC-K8
10		S202UDC-K10
13		S202UDC-K13
15		S202UDC-K15
16	S202UDC-K16	
20	S202UDC-K20	
25	S202UDC-K25	
30	S202UDC-K30	
32	S202UDC-K32	
40	S202UDC-K40	
50	S202UDC-K50	
60	S202UDC-K60	
63	S202UDC-K63	

Note: Standard UL 489 (only DC; please note polarity of device).

S200UDC-Z

Branch circuit protection — UL 489, CSA 22.2 No. 5



S201UDC-Z16



S202UDC-Z16

Number of poles	Rated current	
	I_n A	Cat. no.
1	1	S201UDC-Z1
	1.6	S201UDC-Z1.6
	2	S201UDC-Z2
	3	S201UDC-Z3
	4	S201UDC-Z4
	5	S201UDC-Z5
	6	S201UDC-Z6
	8	S201UDC-Z8
	10	S201UDC-Z10
	13	S201UDC-Z13
	15	S201UDC-Z15
	16	S201UDC-Z16
	20	S201UDC-Z20
	25	S201UDC-Z25
	30	S201UDC-Z30
	32	S201UDC-Z32
	40	S201UDC-Z40
50	S201UDC-Z50	
60	S201UDC-Z60	
63	S201UDC-Z63	
2	1	S202UDC-Z1
	1.6	S202UDC-Z1.6
	2	S202UDC-Z2
	3	S202UDC-Z3
	4	S202UDC-Z4
	5	S202UDC-Z5
	6	S202UDC-Z6
	8	S202UDC-Z8
	10	S202UDC-Z10
	13	S202UDC-Z13
	15	S202UDC-Z15
	16	S202UDC-Z16
	20	S202UDC-Z20
	25	S202UDC-Z25
	30	S202UDC-Z30
	32	S202UDC-Z32
	40	S202UDC-Z40
50	S202UDC-Z50	
60	S202UDC-Z60	
63	S202UDC-Z63	

Note: Standard UL 489 (only DC; please note polarity of device).

S800U-K, 240 V AC

Branch circuit protection — UL 489



S801U-K100



S802U-K100



S803U-K100



S804U-K100

Number of poles	Rated current		Number of poles	Rated current	
	I_n A	Cat. no.		I_n A	Cat. no.
1	10	S801U-K10	3	10	S803U-K10
	15	S801U-K15		15	S803U-K15
	20	S801U-K20		20	S803U-K20
	25	S801U-K25		25	S803U-K25
	30	S801U-K30		30	S803U-K30
	40	S801U-K40		40	S803U-K40
	50	S801U-K50		50	S803U-K50
	60	S801U-K60		60	S803U-K60
	70	S801U-K70		70	S803U-K70
	80	S801U-K80		80	S803U-K80
2	90	S801U-K90	4	90	S803U-K90
	100	S801U-K100		100	S803U-K100
	10	S802U-K10		10	S804U-K10
	15	S802U-K15		15	S804U-K15
	20	S802U-K20		20	S804U-K20
	25	S802U-K25		25	S804U-K25
	30	S802U-K30		30	S804U-K30
	40	S802U-K40		40	S804U-K40
	50	S802U-K50		50	S804U-K50
	60	S802U-K60		60	S804U-K60
70	S802U-K70	70	S804U-K70		
80	S802U-K80	80	S804U-K80		
90	S802U-K90	90	S804U-K90		
100	S802U-K100	100	S804U-K100		

Available with ring tongue terminals upon request.

S800U-Z, 240 V AC

Branch circuit protection — UL 489



S801U-Z100



S802U-Z100



S803U-Z100



S804U-Z100

Number of poles	Rated current I_n A	Cat. no.	Number of poles	Rated current I_n A	Cat. no.
1	10	S801U-Z10	3	10	S803U-Z10
	15	S801U-Z15		15	S803U-Z15
	20	S801U-Z20		20	S803U-Z20
	25	S801U-Z25		25	S803U-Z25
	30	S801U-Z30		30	S803U-Z30
	40	S801U-Z40		40	S803U-Z40
	50	S801U-Z50		50	S803U-Z50
	60	S801U-Z60		60	S803U-Z60
	70	S801U-Z70		70	S803U-Z70
	80	S801U-Z80		80	S803U-Z80
2	90	S801U-Z90	4	90	S803U-Z90
	100	S801U-Z100		100	S803U-Z100
	10	S802U-Z10		10	S804U-Z10
	15	S802U-Z15		15	S804U-Z15
	20	S802U-Z20		20	S804U-Z20
	25	S802U-Z25		25	S804U-Z25
	30	S802U-Z30		30	S804U-Z30
	40	S802U-Z40		40	S804U-Z40
	50	S802U-Z50		50	S804U-Z50
	60	S802U-Z60		60	S804U-Z60
70	S802U-Z70	70	S804U-Z70		
80	S802U-Z80	80	S804U-Z80		
90	S802U-Z90	90	S804U-Z90		
100	S802U-Z100	100	S804U-Z100		

Available with ring tongue terminals upon request.

S804U-UCZ



S804U-UCZ80

Ordering information

Rated current (A)	Cat. no.
10	S804U-UCZ10
15	S804U-UCZ15
20	S804U-UCZ20
25	S804U-UCZ25
30	S804U-UCZ30
40	S804U-UCZ40
50	S804U-UCZ50
60	S804U-UCZ60
70	S804U-UCZ70
80	S804U-UCZ80

Accessories

SU200M, SUP200M, SU200MR and S200UDC — UL 489, CSA 22.2 No. 5



S2C-H6RU

Auxiliary contacts

Description	Cat. no.
For field mounting: right side	S2C-H6RU



S2C-S6RU

Bell alarm

Description	Cat. no.
For field mounting: right side	S2C-S6RU

Shunt trip

Description	Cat. no.
For field mounting: right side 12...60 V AC/DC	S2C-A1U
For field mounting: right side 110...415 V AC 110...250 V DC	S2C-A2U

Rotary operating mechanism

Description	Cat. no.
Rotary handle mechanism can be used with any 5 or 6 mm shaft and any kind of handle (for example, selector handles, pistol handles)	S2C-DH



S2C-A...U



S2C-DH

Accessories

SU200M, SUP200M, SU200MR and S200UDC — UL 489, CSA 22.2 No. 5



PS...BP



BSK-BP



AST35/15BP



SZ-ESK BP



PS...BP-C

Busbars for use with SU200M, S200UDC, and SUP200M, cannot be cut

Amp rating ¹	Number of poles	Phases	Busbar length (mm)	Cat. no.
80/115	6	1	103.2	PS 1/6/16BP
	12	1	208.8	PS 1/12/16BP
	18	1	314.4	PS 1/18/16BP
80/115	6	2	103.2	PS 2/6/16BP
	12	2	208.8	PS 2/12/16BP
	18	2	314.4	PS 2/18/16BP
80/115	6	3	103.2	PS 3/6/16BP
	12	3	208.8	PS 3/12/16BP
	18	3	314.4	PS 3/18/16BP

¹ Depending on enclosure size

Busbar tooth covers for BS...BP (UL 489)

Description	Cat. no.
Covers three unused poles of busbar	BSK-BP

Feeder terminals for PS...BP (UL 489)

Description	Cat. no.
Terminal, insulated with pin contact	AST35/15BP
Feeder terminal, single-pole terminal, can be mounted side by side, feed on the pin of the busbar	SZ-ESK BP

Busbars PS...BP-C for use with SU200M, SUP200M and S200UDC, can be cut to length

Number of phases	Phase sequence	Cat. no.
1	L1-L1-L1...	PS1/57/25BP-C
	L1-Aux (free)-L1-Aux (free)... ²	PS1/37/25HBP-C
2	L1-L2-L1-L2...	PS2/56/25BP-C
	L1-L2-Aux (free)-L1-L2-Aux (free)... ²	PS2/46/25HBP-C
3	L1-L2-L3-L1-L2-L3...	PS3/57/25BP-C
	L1-L2-L3-Aux (free)-L1-L2-L3-Aux (free)... ²	PS3/48/25HBP-C
	L1-Aux (free)-L2-Aux (free)-L3-Aux (free)... ²	PS3/39/25HBP-C

² For devices with auxiliary contact (half module) after each phase sequence

Accessories

Description	Cat. no.
Tooth covers, for 3 pins	BSK BP-C
End caps	PS-END 3 BP-C
Feeder terminal	AST 35/58 BP-C

Accessories

SU200M, SUP200M, SU200MR and S200UDC — UL 489, CSA 22.2 No. 5



PS...BP-CR



S2C-LOTO-S



SZ-FST 2



FP1



SFP



ME...

Busbars for SU200MR, can be cut to length

Busbars PS...BP-CR for use with end caps PS-END 3 BP-C

Number of phases	Phase sequence	Number of pins pc.	Cross section mm ²	Cat. no.
1	L1-L1-L1...	57	25	PS1/57/25BP-CR
	L1-Aux (free)-L1-Aux (free)... ¹	37	25	PS1/37/25HBP-CR
2	L1-L2-L1-L2...	56	25	PS2/56/25BP-CR
	L1-L2-Aux (free)-L1-L2-Aux (free)... ¹	46	25	PS2/46/25HBP-CR
3	L1-L2-L3-L1-L2-L3...	57	25	PS3/57/25BP-CR
	L1-L2-L3-Aux (free)-L1-L2-L3-Aux (free)... ¹	48	25	PS3/48/25HBP-CR
	L1-Aux (free)-L2-Aux (free)-L3-Aux (free)... ¹	39	25	PS3/39/25HBP-CR

¹ For devices with auxiliary contact (half module) after each phase sequence

Accessories

Description	Cat. no.
Tooth covers, for 3 pins	BSK BP-CR
End caps	PS-END 3 BP-C

Lockout/tag out device

Description	Cat. no.
For single-pole MCBs	S2C-LOTO-S
For multi-pole MCBs	S2C-LOTO-M

Filling piece

Description	Weight 1 piece kg	Pack unit pc.	Cat. no.
Filling piece	0.01	25	SZ-FST 2

False poles

Description	Weight 1 piece kg	Pack unit pc.	Cat. no.
False pole — 1 module	0.01	100	FP1
Support for false pole	0.012	10	SFP

Flanges

Description	Weight 1 piece kg	Pack unit pc.	Cat. no.
Flange for rear board mounting 1 module — IP40	0.040	1	ME 1
Flange for rear board mounting 2 modules — IP40	0.045	1	ME 2
Flange for rear board mounting 3 modules — IP40	0.055	1	ME 3
Flange for rear board mounting 4 modules — IP40	0.060	1	ME 4
Flange for rear board mounting 6 modules — IP40	0.070	1	ME 6
Flange for rear board mounting 8 modules — IP40	0.080	1	ME 8

S800W-RSU remote switching unit

UL 489



S800W-RSU
(breaker is not
included)

Remote switching unit

Description	Cat. no.
Remote switching unit	S800W-RSU

S800-RSU cable including plug

Description	Cat. no.
3 meter cable 0.5 mm ² (20 AWG) including 10-pole Micro-Fit 3.0™ plug	S800-RSU-CP



S800-RSU-CP

Accessories

S800U



S800-SOR

Shunt trip

Description (for field mounting, left side)	Cat. no.
Shunt operation release 24 V AC/DC	S800-SOR24
Shunt operation release 48–130 V AC/DC	S800-SOR130
Shunt operation release 110–250 V AC/DC	S800-SOR250



S800-UVR

Under-voltage release

Description	Cat. no.
Under-voltage release 24–36 V AC/DC	S800-UVR36
Under-voltage release 48–60 V AC/DC	S800-UVR60
Under-voltage release 110–130 V AC/DC	S800-UVR130
Under-voltage release 220–250 V AC/DC	S800-UVR250



S800-AUX

Auxiliary contacts

Description	Cat. no.
Auxiliary contact	S800-AUX



S800-AUX/ALT

Bell alarm

Description	Cat. no.
Bell alarm	S800-AUX/ALT

Ring tongue adapter

Description	Cat. no.
Ring tongue adapter	S800-RT2125



S800-RT2125

Accessories

S800U



S800-RD

Rotary operating mechanism

Allows “through-the-door” operation.

Description	Cat. no.
Handle mechanism	S800-RD
Gray rotary handle	S800-RHE-H



S800-RHE-H

UL locking device

Description	Cat. no.
Red rotary handle	S800-RHE-EM
Shaft extension	S800-RHE-S
Padlock/LOTO adapter (LOTO hasp not included)	S800U-PLL



S800-RHE-EM



S800-RHE-S



S800U-PLL

UL 1077 series

Overview

ST200M, S200MUC, S200MR, S800S, S800C, S300P, ST200MTR series



ST201M



ST202M



S200MR

Description

The UL 1077 family of supplementary protectors offers a compact solution for protection requirements. The devices are DIN rail mounted.

The UL 1077 MCBs are available with application-specific trip characteristics to provide maximum circuit protection.

The supplementary protectors offer thermal magnetic trip protection according to B, C, D, K and Z trip curves.

For the worldwide market, the breakers carry UL, CSA, IEC, CE and many other agency approvals and certifications.

Features

- Energy limiting
- Fast breaking time (2.3–2.5 ms)
- Bus connection system
- Wide range of accessories
- Available with variable depth handle mechanism
- CE certified and marked
- DIN rail mounting
- Finger-safe terminals
- Multi-function terminals
- Suitable for reverse feed
- UL 1077 recognized supplemental protective device, UL file #E76126 and E167556

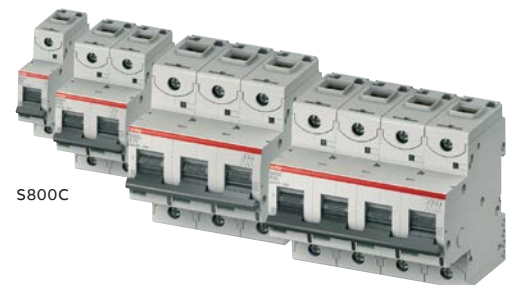
S800S and S800C series

The small pole width of only 27 mm allows a space-saving installation. The current range covers nominal rated currents from 10 A up to 100 A (S800C) and 6 A up to 63 A (S800S) with a maximum rated short-circuit interrupt rating of up to 20 kA (S800C) and 30 kA (S800S) in UL applications.

Due to the number of global standards met by the S800C/S, the flexibility for worldwide installation is high. A single product can fulfill the needs of both, IEC and UL applications.

Features

- Rated operational voltage up to 480Y/277 V AC – 500 V DC (S800C) and 600Y/347 V AC (S800S), respectively (UL)
- Compression terminals can be easily converted to ring tongue terminals
- Compact
- Space saving



S800C

	ST200M	S200MUC	S200MR	S800S	S800C	S300P	ST200MTR
Ampacity	0.5 to 63 A	0.2 to 63 A	0.2 to 63 A	0.5 to 63 A	10 to 100 A	0.2 to 63 A	0.5 to 63 A
	480Y/277 V AC	480Y/277 V AC	480Y/277 V AC	600Y/347 V AC	480Y/277 V AC	480Y/277 V AC	480Y / 277 V AC
Voltage	60/125 V DC (1-/2-pole)	250/500 V DC (1-/2-pole)	–	–	up to 500 V DC	60/125 V DC (1-/2-pole)	1-pole: 250 V DC; 2-/4-pole: up to 500 V DC
Poles	1, 2, 3, 4	1, 2, 3, 4	1, 2, 3, 4	1, 2, 3, 4	1, 2, 3, 4	1, 2, 3, 4	1, 2, 3, 4 AC 1, 2, 4 DC
Trip curves	B, C, D, K, Z	C, K, Z	K	B, C, D, K	B, C, D, K	B, C, D, K, Z	K, Z
Short circuit interrupt rating	10/5 kA	up to 10 kA	10 kA	up to 30 kA	up to 20 kA	10 kA	ST200MTR: 6 kA ST200MTR (DC): 10 kA
Auxiliary contacts	yes	yes	yes	yes	yes	yes	yes
Bell alarm	yes	yes	yes	yes	yes	yes	yes
Shunt trip	yes	yes	yes	yes	yes	yes	yes
Bottom-mount aux. contact	yes	yes	–	–	–	yes	–
Busbars	yes	yes	yes	–	–	yes	Ring tongue busbar

ST200M-B

Supplemental protectors — UL 1077, CSA 22.2 No. 235



ST201M-B16



ST202M-B35



ST203M-B7



ST204M-B25

Number of poles	Rated current		Number of poles	Rated current	
	I_n A	Cat. no.		I_n A	Cat. no.
1	0.5	ST201M-B0.5	2	0.5	ST202M-B0.5
	1	ST201M-B1		1	ST202M-B1
	1.6	ST201M-B1.6		1.6	ST202M-B1.6
	2	ST201M-B2		2	ST202M-B2
	3	ST201M-B3		3	ST202M-B3
	4	ST201M-B4		4	ST202M-B4
	5	ST201M-B5		5	ST202M-B5
	6	ST201M-B6		6	ST202M-B6
	7	ST201M-B7		7	ST202M-B7
	8	ST201M-B8		8	ST202M-B8
	10	ST201M-B10		10	ST202M-B10
	13	ST201M-B13		13	ST202M-B13
	15	ST201M-B15		15	ST202M-B15
	16	ST201M-B16		16	ST202M-B16
	20	ST201M-B20		20	ST202M-B20
	25	ST201M-B25		25	ST202M-B25
	30	ST201M-B30		30	ST202M-B30
	32	ST201M-B32		32	ST202M-B32
35	ST201M-B35	35	ST202M-B35		
40	ST201M-B40	40	ST202M-B40		
50	ST201M-B50	50	ST202M-B50		
60	ST201M-B60	60	ST202M-B60		
63	ST201M-B63	63	ST202M-B63		
1+NA	0.5	ST201M-B0.5NA	3	0.5	ST203M-B0.5
	1	ST201M-B1NA		1	ST203M-B1
	1.6	ST201M-B1.6NA		1.6	ST203M-B1.6
	2	ST201M-B2NA		2	ST203M-B2
	3	ST201M-B3NA		3	ST203M-B3
	4	ST201M-B4NA		4	ST203M-B4
	5	ST201M-B5NA		5	ST203M-B5
	6	ST201M-B6NA		6	ST203M-B6
	7	ST201M-B7NA		7	ST203M-B7
	8	ST201M-B8NA		8	ST203M-B8
	10	ST201M-B10NA		10	ST203M-B10
	13	ST201M-B13NA		13	ST203M-B13
	15	ST201M-B15NA		15	ST203M-B15
	16	ST201M-B16NA		16	ST203M-B16
	20	ST201M-B20NA		20	ST203M-B20
	25	ST201M-B25NA		25	ST203M-B25
	30	ST201M-B30NA		30	ST203M-B30
	32	ST201M-B32NA		32	ST203M-B32
35	ST201M-B35NA	35	ST203M-B35		
40	ST201M-B40NA	40	ST203M-B40		
50	ST201M-B50NA	50	ST203M-B50		
60	ST201M-B60NA	60	ST203M-B60		
63	ST201M-B63NA	63	ST203M-B63		

ST200M-B (cont.)

Supplemental protectors — UL 1077, CSA 22.2 No. 235

Number of poles	Rated current I_n A	Cat. no.	Number of poles	Rated current I_n A	Cat. no.
3+NA	0.5	ST203M-B0.5NA	4	0.5	ST204M-B0.5
	1	ST203M-B1NA		1	ST204M-B1
	1.6	ST203M-B1.6NA		1.6	ST204M-B1.6
	2	ST203M-B2NA		2	ST204M-B2
	3	ST203M-B3NA		3	ST204M-B3
	4	ST203M-B4NA		4	ST204M-B4
	5	ST203M-B5NA		5	ST204M-B5
	6	ST203M-B6NA		6	ST204M-B6
	7	ST203M-B7NA		7	ST204M-B7
	8	ST203M-B8NA		8	ST204M-B8
	10	ST203M-B10NA		10	ST204M-B10
	13	ST203M-B13NA		13	ST204M-B13
	15	ST203M-B15NA		15	ST204M-B15
	16	ST203M-B16NA		16	ST204M-B16
	20	ST203M-B20NA		20	ST204M-B20
	25	ST203M-B25NA		25	ST204M-B25
	30	ST203M-B30NA		30	ST204M-B30
	32	ST203M-B32NA		32	ST204M-B32
	35	ST203M-B35NA		35	ST204M-B35
	40	ST203M-B40NA		40	ST204M-B40
50	ST203M-B50NA	50	ST204M-B50		
60	ST203M-B60NA	60	ST204M-B60		
63	ST203M-B63NA	63	ST204M-B63		

ST200M-C

Supplemental protectors — UL 1077, CSA 22.2 No. 235



ST201M-C16



ST202M-C35



ST203M-C7



ST204M-C25

Number of poles	Rated current I_n A	Cat. no.	Number of poles	Rated current I_n A	Cat. no.
1	0.5	ST201M-C0.5	2	0.5	ST202M-C0.5
	1	ST201M-C1		1	ST202M-C1
	1.6	ST201M-C1.6		1.6	ST202M-C1.6
	2	ST201M-C2		2	ST202M-C2
	3	ST201M-C3		3	ST202M-C3
	4	ST201M-C4		4	ST202M-C4
	5	ST201M-C5		5	ST202M-C5
	6	ST201M-C6		6	ST202M-C6
	7	ST201M-C7		7	ST202M-C7
	8	ST201M-C8		8	ST202M-C8
	10	ST201M-C10		10	ST202M-C10
	13	ST201M-C13		13	ST202M-C13
	15	ST201M-C15		15	ST202M-C15
	16	ST201M-C16		16	ST202M-C16
	20	ST201M-C20		20	ST202M-C20
	25	ST201M-C25		25	ST202M-C25
	30	ST201M-C30		30	ST202M-C30
	32	ST201M-C32		32	ST202M-C32
	35	ST201M-C35		35	ST202M-C35
	40	ST201M-C40		40	ST202M-C40
50	ST201M-C50	50	ST202M-C50		
60	ST201M-C60	60	ST202M-C60		
63	ST201M-C63	63	ST202M-C63		
1+NA	0.5	ST201M-C0.5NA	3	0.5	ST203M-C0.5
	1	ST201M-C1NA		1	ST203M-C1
	1.6	ST201M-C1.6NA		1.6	ST203M-C1.6
	2	ST201M-C2NA		2	ST203M-C2
	3	ST201M-C3NA		3	ST203M-C3
	4	ST201M-C4NA		4	ST203M-C4
	5	ST201M-C5NA		5	ST203M-C5
	6	ST201M-C6NA		6	ST203M-C6
	7	ST201M-C7NA		7	ST203M-C7
	8	ST201M-C8NA		8	ST203M-C8
	10	ST201M-C10NA		10	ST203M-C10
	13	ST201M-C13NA		13	ST203M-C13
	15	ST201M-C15NA		15	ST203M-C15
	16	ST201M-C16NA		16	ST203M-C16
	20	ST201M-C20NA		20	ST203M-BC20
	25	ST201M-C25NA		25	ST203M-C25
	30	ST201M-C30NA		30	ST203M-C30
	32	ST201M-C32NA		32	ST203M-C32
	35	ST201M-C35NA		35	ST203M-C35
	40	ST201M-C40NA		40	ST203M-C40
50	ST201M-C50NA	50	ST203M-C50		
60	ST201M-C60NA	60	ST203M-C60		
63	ST201M-C63NA	63	ST203M-C63		

ST200M-C (cont.)

Supplemental protectors — UL 1077, CSA 22.2 No. 235

Number of poles	Rated current I_n A	Cat. no.	Number of poles	Rated current I_n A	Cat. no.
3+NA	0.5	ST203M-C0.5NA	4	0.5	ST204M-C0.5
	1	ST203M-C1NA		1	ST204M-C1
	1.6	ST203M-C1.6NA		1.6	ST204M-C1.6
	2	ST203M-C2NA		2	ST204M-C2
	3	ST203M-C3NA		3	ST204M-C3
	4	ST203M-C4NA		4	ST204M-C4
	5	ST203M-C5NA		5	ST204M-C5
	6	ST203M-C6NA		6	ST204M-C6
	7	ST203M-C7NA		7	ST204M-C7
	8	ST203M-C8NA		8	ST204M-C8
	10	ST203M-C10NA		10	ST204M-C10
	13	ST203M-C13NA		13	ST204M-C13
	15	ST203M-C15NA		15	ST204M-C15
	16	ST203M-C16NA		16	ST204M-C16
	20	ST203M-C20NA		20	ST204M-C20
	25	ST203M-C25NA		25	ST204M-C25
	30	ST203M-C30NA		30	ST204M-C30
	32	ST203M-C32NA		32	ST204M-C32
	35	ST203M-C35NA		35	ST204M-C35
	40	ST203M-C40NA		40	ST204M-C40
50	ST203M-C50NA	50	ST204M-C50		
60	ST203M-C60NA	60	ST204M-C60		
63	ST203M-C63NA	63	ST204M-C63		

ST200M-D

Supplemental protectors — UL 1077, CSA 22.2 No. 235



ST201M-D16



ST202M-D35



ST203M-D7



ST204M-D25

Number of poles	Rated current I_n A	Cat. no.	Number of poles	Rated current I_n A	Cat. no.
1	0.5	ST201M-D0.5	2	0.5	ST202M-D0.5
	1	ST201M-D1		1	ST202M-D1
	1.6	ST201M-D1.6		1.6	ST202M-D1.6
	2	ST201M-D2		2	ST202M-D2
	3	ST201M-D3		3	ST202M-D3
	4	ST201M-D4		4	ST202M-D4
	5	ST201M-D5		5	ST202M-D5
	6	ST201M-D6		6	ST202M-D6
	7	ST201M-D7		7	ST202M-D7
	8	ST201M-D8		8	ST202M-D8
	10	ST201M-D10		10	ST202M-D10
	13	ST201M-D13		13	ST202M-D13
	15	ST201M-D15		15	ST202M-D15
	16	ST201M-D16		16	ST202M-D16
	20	ST201M-D20		20	ST202M-D20
	25	ST201M-D25		25	ST202M-D25
	30	ST201M-D30		30	ST202M-D30
32	ST201M-D32	32	ST202M-D32		
35	ST201M-D35	35	ST202M-D35		
40	ST201M-D40	40	ST202M-D40		
50	ST201M-D50	50	ST202M-D50		
60	ST201M-D60	60	ST202M-D60		
63	ST201M-D63	63	ST202M-D63		
1+NA	0.5	ST201M-D0.5NA	3	0.5	ST203M-D0.5
	1	ST201M-D1NA		1	ST203M-D1
	1.6	ST201M-D1.6NA		1.6	ST203M-D1.6
	2	ST201M-D2NA		2	ST203M-D2
	3	ST201M-D3NA		3	ST203M-D3
	4	ST201M-D4NA		4	ST203M-D4
	5	ST201M-D5NA		5	ST203M-D5
	6	ST201M-D6NA		6	ST203M-D6
	7	ST201M-D7NA		7	ST203M-D7
	8	ST201M-D8NA		8	ST203M-D8
	10	ST201M-D10NA		10	ST203M-D10
	13	ST201M-D13NA		13	ST203M-D13
	15	ST201M-D15NA		15	ST203M-D15
	16	ST201M-D16NA		16	ST203M-D16
	20	ST201M-D20NA		20	ST203M-D20
	25	ST201M-D25NA		25	ST203M-D25
	30	ST201M-D30NA		30	ST203M-D30
32	ST201M-D32NA	32	ST203M-D32		
35	ST201M-D35NA	35	ST203M-D35		
40	ST201M-D40NA	40	ST203M-D40		
50	ST201M-D50NA	50	ST203M-D50		
60	ST201M-D60NA	60	ST203M-D60		
63	ST201M-D63NA	63	ST203M-D63		

ST200M-D (cont.)

Supplemental protectors — UL 1077, CSA 22.2 No. 235

Number of poles	Rated current I_n A	Cat. no.	Number of poles	Rated current I_n A	Cat. no.
3+NA	0.5	ST203M-D0.5NA	4	0.5	ST204M-D0.5
	1	ST203M-D1NA		1	ST204M-D1
	1.6	ST203M-D1.6NA		1.6	ST204M-D1.6
	2	ST203M-D2NA		2	ST204M-D2
	3	ST203M-D3NA		3	ST204M-D3
	4	ST203M-D4NA		4	ST204M-D4
	5	ST203M-D5NA		5	ST204M-D5
	6	ST203M-D6NA		6	ST204M-D6
	7	ST203M-D7NA		7	ST204M-D7
	8	ST203M-D8NA		8	ST204M-D8
	10	ST203M-D10NA		10	ST204M-D10
	13	ST203M-D13NA		13	ST204M-D13
	15	ST203M-D15NA		15	ST204M-D15
	16	ST203M-D16NA		16	ST204M-D16
	20	ST203M-D20NA		20	ST204M-D20
	25	ST203M-D25NA		25	ST204M-D25
	30	ST203M-D30NA		30	ST204M-D30
	32	ST203M-D32NA		32	ST204M-D32
	35	ST203M-D35NA		35	ST204M-D35
	40	ST203M-D40NA		40	ST204M-D40
50	ST203M-D50NA	50	ST204M-D50		
60	ST203M-D60NA	60	ST204M-D60		
63	ST203M-D63NA	63	ST204M-D63		

ST200M-K

Supplemental protectors — UL 1077, CSA 22.2 No. 235



ST201M-K16



ST202M-K35



ST203M-K7



ST204M-K25

Number of poles	Rated current I_n A	Cat. no.	Number of poles	Rated current I_n A	Cat. no.
1	0.5	ST201M-K0.5	2	0.5	ST202M-K0.5
	1	ST201M-K1		1	ST202M-K1
	1.6	ST201M-K1.6		1.6	ST202M-K1.6
	2	ST201M-K2		2	ST202M-K2
	3	ST201M-K3		3	ST202M-K3
	4	ST201M-K4		4	ST202M-K4
	5	ST201M-K5		5	ST202M-K5
	6	ST201M-K6		6	ST202M-K6
	7	ST201M-K7		7	ST202M-K7
	8	ST201M-K8		8	ST202M-K8
	10	ST201M-K10		10	ST202M-K10
	13	ST201M-K13		13	ST202M-K13
	15	ST201M-K15		15	ST202M-K15
	16	ST201M-K16		16	ST202M-K16
	20	ST201M-K20		20	ST202M-K20
	25	ST201M-K25		25	ST202M-K25
	30	ST201M-K30		30	ST202M-K30
	32	ST201M-K32		32	ST202M-K32
	35	ST201M-K35		35	ST202M-K35
	40	ST201M-K40		40	ST202M-K40
50	ST201M-K50	50	ST202M-K50		
60	ST201M-K60	60	ST202M-K60		
63	ST201M-K63	63	ST202M-K63		
1+NA	0.5	ST201M-K0.5NA	3	0.5	ST203M-K0.5
	1	ST201M-K1NA		1	ST203M-K1
	1.6	ST201M-K1.6NA		1.6	ST203M-K1.6
	2	ST201M-K2NA		2	ST203M-K2
	3	ST201M-K3NA		3	ST203M-K3
	4	ST201M-K4NA		4	ST203M-K4
	5	ST201M-K5NA		5	ST203M-K5
	6	ST201M-K6NA		6	ST203M-K6
	7	ST201M-K7NA		7	ST203M-K7
	8	ST201M-K8NA		8	ST203M-K8
	10	ST201M-K10NA		10	ST203M-K10
	13	ST201M-K13NA		13	ST203M-K13
	15	ST201M-K15NA		15	ST203M-K15
	16	ST201M-K16NA		16	ST203M-K16
	20	ST201M-K20NA		20	ST203M-K20
	25	ST201M-K25NA		25	ST203M-K25
	30	ST201M-K30NA		30	ST203M-K30
	32	ST201M-K32NA		32	ST203M-K32
	35	ST201M-K35NA		35	ST203M-K35
	40	ST201M-K40NA		40	ST203M-K40
50	ST201M-K50NA	50	ST203M-K50		
60	ST201M-K60NA	60	ST203M-K60		
63	ST201M-K63NA	63	ST203M-K63		

ST200M-K (cont.)

Supplemental protectors — UL 1077, CSA 22.2 No. 235

Number of poles	Rated current I_n A	Cat. no.	Number of poles	Rated current I_n A	Cat. no.
3+NA	0.5	ST203M-K0.5NA	4	0.5	ST204M-K0.5
	1	ST203M-K1NA		1	ST204M-K1
	1.6	ST203M-K1.6NA		1.6	ST204M-K1.6
	2	ST203M-K2NA		2	ST204M-K2
	3	ST203M-K3NA		3	ST204M-K3
	4	ST203M-K4NA		4	ST204M-K4
	5	ST203M-K5NA		5	ST204M-K5
	6	ST203M-K6NA		6	ST204M-K6
	7	ST203M-K7NA		7	ST204M-K7
	8	ST203M-K8NA		8	ST204M-K8
	10	ST203M-K10NA		10	ST204M-K10
	13	ST203M-K13NA		13	ST204M-K13
	15	ST203M-K15NA		15	ST204M-K15
	16	ST203M-K16NA		16	ST204M-K16
	20	ST203M-K20NA		20	ST204M-K20
	25	ST203M-K25NA		25	ST204M-K25
	30	ST203M-K30NA		30	ST204M-K30
	32	ST203M-K32NA		32	ST204M-K32
	35	ST203M-K35NA		35	ST204M-K35
	40	ST203M-K40NA		40	ST204M-K40
50	ST203M-K50NA	50	ST204M-K50		
60	ST203M-K60NA	60	ST204M-K60		
63	ST203M-K63NA	63	ST204M-K63		

ST200M-Z

Supplemental protectors — UL 1077, CSA 22.2 No. 235



ST201M-Z16



ST202M-Z35



ST203M-Z7



ST204M-Z25

Number of poles	Rated current I_n A	Cat. no.	Number of poles	Rated current I_n A	Cat. no.
1	0.5	ST201M-Z0.5	2	0.5	ST202M-Z0.5
	1	ST201M-Z1		1	ST202M-Z1
	1.6	ST201M-Z1.6		1.6	ST202M-Z1.6
	2	ST201M-Z2		2	ST202M-Z2
	3	ST201M-Z3		3	ST202M-Z3
	4	ST201M-Z4		4	ST202M-Z4
	5	ST201M-Z5		5	ST202M-Z5
	6	ST201M-Z6		6	ST202M-Z6
	7	ST201M-Z7		7	ST202M-Z7
	8	ST201M-Z8		8	ST202M-Z8
	10	ST201M-Z10		10	ST202M-Z10
	13	ST201M-Z13		13	ST202M-Z13
	15	ST201M-Z15		15	ST202M-Z15
	16	ST201M-Z16		16	ST202M-Z16
	20	ST201M-Z20		20	ST202M-Z20
	25	ST201M-Z25		25	ST202M-Z25
	30	ST201M-Z30		30	ST202M-Z30
	32	ST201M-Z32		32	ST202M-Z32
	35	ST201M-Z35		35	ST202M-Z35
	40	ST201M-Z40		40	ST202M-Z40
50	ST201M-Z50	50	ST202M-Z50		
60	ST201M-Z60	60	ST202M-Z60		
63	ST201M-Z63	63	ST202M-Z63		
1+NA	0.5	ST201M-Z0.5NA	3	0.5	ST203M-Z0.5
	1	ST201M-Z1NA		1	ST203M-Z1
	1.6	ST201M-Z1.6NA		1.6	ST203M-Z1.6
	2	ST201M-Z2NA		2	ST203M-Z2
	3	ST201M-Z3NA		3	ST203M-Z3
	4	ST201M-Z4NA		4	ST203M-Z4
	5	ST201M-Z5NA		5	ST203M-Z5
	6	ST201M-Z6NA		6	ST203M-Z6
	7	ST201M-Z7NA		7	ST203M-Z7
	8	ST201M-Z8NA		8	ST203M-Z8
	10	ST201M-Z10NA		10	ST203M-Z10
	13	ST201M-Z13NA		13	ST203M-Z13
	15	ST201M-Z15NA		15	ST203M-Z15
	16	ST201M-Z16NA		16	ST203M-Z16
	20	ST201M-Z20NA		20	ST203M-Z20
	25	ST201M-Z25NA		25	ST203M-Z25
	30	ST201M-Z30NA		30	ST203M-Z30
	32	ST201M-Z32NA		32	ST203M-Z32
	35	ST201M-Z35NA		35	ST203M-Z35
	40	ST201M-Z40NA		40	ST203M-Z40
50	ST201M-Z50NA	50	ST203M-Z50		
60	ST201M-Z60NA	60	ST203M-Z60		
63	ST201M-Z63NA	63	ST203M-Z63		

ST200M-Z (cont.)

Supplemental protectors — UL 1077, CSA 22.2 No. 235

Number of poles	Rated current I_n A	Cat. no.	Number of poles	Rated current I_n A	Cat. no.
3+NA	0.5	ST203M-Z0.5NA	4	0.5	ST204M-Z0.5
	1	ST203M-Z1NA		1	ST204M-Z1
	1.6	ST203M-Z1.6NA		1.6	ST204M-Z1.6
	2	ST203M-Z2NA		2	ST204M-Z2
	3	ST203M-Z3NA		3	ST204M-Z3
	4	ST203M-Z4NA		4	ST204M-Z4
	5	ST203M-Z5NA		5	ST204M-Z5
	6	ST203M-Z6NA		6	ST204M-Z6
	7	ST203M-Z7NA		7	ST204M-Z7
	8	ST203M-Z8NA		8	ST204M-Z8
	10	ST203M-Z10NA		10	ST204M-Z10
	13	ST203M-Z13NA		13	ST204M-Z13
	15	ST203M-Z15NA		15	ST204M-Z15
	16	ST203M-Z16NA		16	ST204M-Z16
	20	ST203M-Z20NA		20	ST204M-Z20
	25	ST203M-Z25NA		25	ST204M-Z25
	30	ST203M-Z30NA		30	ST204M-Z30
	32	ST203M-Z32NA		32	ST204M-Z32
	35	ST203M-Z35NA		35	ST204M-Z35
	40	ST203M-Z40NA		40	ST204M-Z40
50	ST203M-Z50NA	50	ST204M-Z50		
60	ST203M-Z60NA	60	ST204M-Z60		
63	ST203M-Z63NA	63	ST204M-Z63		

S200MR-K with ring tongue terminals

Supplemental protectors — UL 1077, CSA 22.2 No. 235



S201MR-K63



S202MR-K63



S203MR-K63



S204MR-K63

Number of poles	Rated current		Number of poles	Rated current	
	I_n A	Cat. no.		I_n A	Cat. no.
1	0.2	S201MR-K0.2	3	0.2	S203MR-K0.2
	0.3	S201MR-K0.3		0.3	S203MR-K0.3
	0.5	S201MR-K0.5		0.5	S203MR-K0.5
	0.75	S201MR-K0.75		0.75	S203MR-K0.75
	1	S201MR-K1		1	S203MR-K1
	1.6	S201MR-K1.6		1.6	S203MR-K1.6
	2	S201MR-K2		2	S203MR-K2
	3	S201MR-K3		3	S203MR-K3
	4	S201MR-K4		4	S203MR-K4
	5	S201MR-K5		5	S203MR-K5
	6	S201MR-K6		6	S203MR-K6
	8	S201MR-K8		8	S203MR-K8
	10	S201MR-K10		10	S203MR-K10
	13	S201MR-K13		13	S203MR-K13
	15	S201MR-K15		15	S203MR-K15
	16	S201MR-K16		16	S203MR-K16
	20	S201MR-K20		20	S203MR-K20
	25	S201MR-K25		25	S203MR-K25
	30	S201MR-K30		30	S203MR-K30
32	S201MR-K32	32	S203MR-K32		
35	S201MR-K35	35	S203MR-K35		
40	S201MR-K40	40	S203MR-K40		
50	S201MR-K50	50	S203MR-K50		
60	S201MR-K60	60	S203MR-K60		
63	S201MR-K63	63	S203MR-K63		
2	0.2	S202MR-K0.2	4	0.2	S204MR-K0.2
	0.3	S202MR-K0.3		0.3	S204MR-K0.3
	0.5	S202MR-K0.5		0.5	S204MR-K0.5
	0.75	S202MR-K0.75		0.75	S204MR-K0.75
	1	S202MR-K1		1	S204MR-K1
	1.6	S202MR-K1.6		1.6	S204MR-K1.6
	2	S202MR-K2		2	S204MR-K2
	3	S202MR-K3		3	S204MR-K3
	4	S202MR-K4		4	S204MR-K4
	5	S202MR-K5		5	S204MR-K5
	6	S202MR-K6		6	S204MR-K6
	8	S202MR-K8		8	S204MR-K8
	10	S202MR-K10		10	S204MR-K10
	13	S202MR-K13		13	S204MR-K13
	15	S202MR-K15		15	S204MR-K15
	16	S202MR-K16		16	S204MR-K16
	20	S202MR-K20		20	S204MR-K20
	25	S202MR-K25		25	S204MR-K25
	30	S202MR-K30		30	S204MR-K30
32	S202MR-K32	32	S204MR-K32		
35	S202MR-K35	35	S204MR-K35		
40	S202MR-K40	40	S204MR-K40		
50	S202MR-K50	50	S204MR-K50		
60	S202MR-K60	60	S204MR-K60		
63	S202MR-K63	63	S204MR-K63		

S200MUC-C

Supplemental protectors — UL 1077, CSA 22.2 No. 235



S201MUC-C40



S202MUC-C40



S203MUC-C40



S204MUC-C40

Number of poles	Rated current I_n A	Cat. no.	Number of poles	Rated current I_n A	Cat. no.
1	0.5	S201MUC-C0.5	3	0.5	S203MUC-C0.5
	1	S201MUC-C1		1	S203MUC-C1
	1.6	S201MUC-C1.6		1.6	S203MUC-C1.6
	2	S201MUC-C2		2	S203MUC-C2
	3	S201MUC-C3		3	S203MUC-C3
	4	S201MUC-C4		4	S203MUC-C4
	6	S201MUC-C6		6	S203MUC-C6
	8	S201MUC-C8		8	S203MUC-C8
	10	S201MUC-C10		10	S203MUC-C10
	13	S201MUC-C13		13	S203MUC-C13
	16	S201MUC-C16		16	S203MUC-C16
	20	S201MUC-C20		20	S203MUC-C20
	25	S201MUC-C25		25	S203MUC-C25
	32	S201MUC-C32		32	S203MUC-C32
40	S201MUC-C40	40	S203MUC-C40		
2	0.5	S202MUC-C0.5	4	0.5	S204MUC-C0.5
	1	S202MUC-C1		1	S204MUC-C1
	1.6	S202MUC-C1.6		1.6	S204MUC-C1.6
	2	S202MUC-C2		2	S204MUC-C2
	3	S202MUC-C3		3	S204MUC-C3
	4	S202MUC-C4		4	S204MUC-C4
	6	S202MUC-C6		6	S204MUC-C6
	8	S202MUC-C8		8	S204MUC-C8
	10	S202MUC-C10		10	S204MUC-C10
	13	S202MUC-C13		13	S204MUC-C13
	16	S202MUC-C16		16	S204MUC-C16
	20	S202MUC-C20		20	S204MUC-C20
	25	S202MUC-C25		25	S204MUC-C25
	32	S202MUC-C32		32	S204MUC-C32
40	S202MUC-C40	40	S204MUC-C40		
50	S202MUC-C50	50	S204MUC-C50		
63	S202MUC-C63	63	S204MUC-C63		

S200MUC-K

Supplemental protectors — UL 1077, CSA 22.2 No. 235



S201MUC-K40



S202MUC-K40



S203MUC-K40



S204MUC-K40

Number of poles	Rated current I_n A	Cat. no.	Number of poles	Rated current I_n A	Cat. no.
1	0.2	S201MUC-K0.2	3	0.2	S203MUC-K0.2
	0.3	S201MUC-K0.3		0.3	S203MUC-K0.3
	0.5	S201MUC-K0.5		0.5	S203MUC-K0.5
	0.75	S201MUC-K0.75		0.75	S203MUC-K0.75
	1	S201MUC-K1		1	S203MUC-K1
	1.6	S201MUC-K1.6		1.6	S203MUC-K1.6
	2	S201MUC-K2		2	S203MUC-K2
	3	S201MUC-K3		3	S203MUC-K3
	4	S201MUC-K4		4	S203MUC-K4
	5	S201MUC-K5		5	S203MUC-K5
	6	S201MUC-K6		6	S203MUC-K6
	8	S201MUC-K8		8	S203MUC-K8
	10	S201MUC-K10		10	S203MUC-K10
	13	S201MUC-K13		13	S203MUC-K13
	15	S201MUC-K15		15	S203MUC-K15
	16	S201MUC-K16		16	S203MUC-K16
	20	S201MUC-K20		20	S203MUC-K20
	25	S201MUC-K25		25	S203MUC-K25
	30	S201MUC-K30		30	S203MUC-K30
32	S201MUC-K32	32	S203MUC-K32		
35	S201MUC-K35	35	S203MUC-K35		
40	S201MUC-K40	40	S203MUC-K40		
50	S201MUC-K50	50	S203MUC-K50		
60	S201MUC-K60	60	S203MUC-K60		
63	S201MUC-K63	63	S203MUC-K63		
2	0.2	S202MUC-K0.2	4	0.2	S204MUC-K0.2
	0.3	S202MUC-K0.3		0.3	S204MUC-K0.3
	0.5	S202MUC-K0.5		0.5	S204MUC-K0.5
	0.75	S202MUC-K0.75		0.75	S204MUC-K0.75
	1	S202MUC-K1		1	S204MUC-K1
	1.6	S202MUC-K1.6		1.6	S204MUC-K1.6
	2	S202MUC-K2		2	S204MUC-K2
	3	S202MUC-K3		3	S204MUC-K3
	4	S202MUC-K4		4	S204MUC-K4
	5	S202MUC-K5		5	S204MUC-K5
	6	S202MUC-K6		6	S204MUC-K6
	8	S202MUC-K8		8	S204MUC-K8
	10	S202MUC-K10		10	S204MUC-K10
	13	S202MUC-K13		13	S204MUC-K13
	15	S202MUC-K15		15	S204MUC-K15
	16	S202MUC-K16		16	S204MUC-K16
	20	S202MUC-K20		20	S204MUC-K20
	25	S202MUC-K25		25	S204MUC-K25
	30	S202MUC-K30		30	S204MUC-K30
32	S202MUC-K32	32	S204MUC-K32		
35	S202MUC-K35	35	S204MUC-K35		
40	S202MUC-K40	40	S204MUC-K40		
50	S202MUC-K50	50	S204MUC-K50		
60	S202MUC-K60	60	S204MUC-K60		
63	S202MUC-K63	63	S204MUC-K63		

S200MUC-Z

Supplemental protectors — UL 1077, CSA 22.2 No. 235



S201MUC-Z40



S202MUC-Z40



S203MUC-Z40



S204MUC-Z40

Number of poles	Rated current		Number of poles	Rated current	
	I_n A	Cat. no.		I_n A	Cat. no.
1	0.5	S201MUC-Z0.5	3	0.5	S203MUC-Z0.5
	1	S201MUC-Z1		1	S203MUC-Z1
	1.6	S201MUC-Z1.6		1.6	S203MUC-Z1.6
	2	S201MUC-Z2		2	S203MUC-Z2
	3	S201MUC-Z3		3	S203MUC-Z3
	4	S201MUC-Z4		4	S203MUC-Z4
	5	S201MUC-Z5		5	S203MUC-Z5
	6	S201MUC-Z6		6	S203MUC-Z6
	8	S201MUC-Z8		8	S203MUC-Z8
	10	S201MUC-Z10		10	S203MUC-Z10
	15	S201MUC-Z15		15	S203MUC-Z15
	16	S201MUC-Z16		16	S203MUC-Z16
	20	S201MUC-Z20		20	S203MUC-Z20
	25	S201MUC-Z25		25	S203MUC-Z25
	30	S201MUC-Z30		30	S203MUC-Z30
	32	S201MUC-Z32		32	S203MUC-Z32
	35	S201MUC-Z35		35	S203MUC-Z35
40	S201MUC-Z40	40	S203MUC-Z40		
50	S201MUC-Z50	50	S203MUC-Z50		
60	S201MUC-Z60	60	S203MUC-Z60		
63	S201MUC-Z63	63	S203MUC-Z63		
2	0.5	S202MUC-Z0.5	4	0.5	S204MUC-Z0.5
	1	S202MUC-Z1		1	S204MUC-Z1
	1.6	S202MUC-Z1.6		1.6	S204MUC-Z1.6
	2	S202MUC-Z2		2	S204MUC-Z2
	3	S202MUC-Z3		3	S204MUC-Z3
	4	S202MUC-Z4		4	S204MUC-Z4
	5	S202MUC-Z5		5	S204MUC-Z5
	6	S202MUC-Z6		6	S204MUC-Z6
	8	S202MUC-Z8		8	S204MUC-Z8
	10	S202MUC-Z10		10	S204MUC-Z10
	15	S202MUC-Z15		15	S204MUC-Z15
	16	S202MUC-Z16		16	S204MUC-Z16
	20	S202MUC-Z20		20	S204MUC-Z20
	25	S202MUC-Z25		25	S204MUC-Z25
	30	S202MUC-Z30		30	S204MUC-Z30
	32	S202MUC-Z32		32	S204MUC-Z32
	35	S202MUC-Z35		35	S204MUC-Z35
40	S202MUC-Z40	40	S204MUC-Z40		
50	S202MUC-Z50	50	S204MUC-Z50		
60	S202MUC-Z60	60	S204MUC-Z60		
63	S202MUC-Z63	63	S204MUC-Z63		

S800C-B

With interchangeable cage terminal



S801C-B



S802C-B



S803C-B



S804C-B

Number of poles	Rated current A	Cat. no.	Number of poles	Rated current A	Cat. no.
1	10	S801C-B10	3	10	S803C-B10
	13	S801C-B13		13	S803C-B13
	16	S801C-B16		16	S803C-B16
	20	S801C-B20		20	S803C-B20
	25	S801C-B25		25	S803C-B25
	32	S801C-B32		32	S803C-B32
	40	S801C-B40		40	S803C-B40
	50	S801C-B50		50	S803C-B50
	63	S801C-B63		63	S803C-B63
	80	S801C-B80		80	S803C-B80
2	10	S802C-B10	4	10	S804C-B10
	13	S802C-B13		13	S804C-B13
	16	S802C-B16		16	S804C-B16
	20	S802C-B20		20	S804C-B20
	25	S802C-B25		25	S804C-B25
	32	S802C-B32		32	S804C-B32
	40	S802C-B40		40	S804C-B40
	50	S802C-B50		50	S804C-B50
	63	S802C-B63		63	S804C-B63
	80	S802C-B80		80	S804C-B80
	100	S802C-B100	100	S804C-B100	

S800C-C

With interchangeable cage terminal



S801C-C



S802C-C



S803C-C



S804C-C

Number of poles	Rated current A	Cat. no.	Number of poles	Rated current A	Cat. no.
1	10	S801C-C10	3	10	S803C-C10
	13	S801C-C13		13	S803C-C13
	16	S801C-C16		16	S803C-C16
	20	S801C-C20		20	S803C-C20
	25	S801C-C25		25	S803C-C25
	32	S801C-C32		32	S803C-C32
	40	S801C-C40		40	S803C-C40
	50	S801C-C50		50	S803C-C50
	63	S801C-C63		63	S803C-C63
	80	S801C-C80		80	S803C-C80
2	10	S802C-C10	4	10	S804C-C10
	13	S802C-C13		13	S804C-C13
	16	S802C-C16		16	S804C-C16
	20	S802C-C20		20	S804C-C20
	25	S802C-C25		25	S804C-C25
	32	S802C-C32		32	S804C-C32
	40	S802C-C40		40	S804C-C40
	50	S802C-C50		50	S804C-C50
	63	S802C-C63		63	S804C-C63
	80	S802C-C80		80	S804C-C80
	100	S802C-C100		100	S804C-C100

S800C-D

With interchangeable cage terminal



S801C-D



S802C-D



S803C-D



S804C-D

Number of poles	Rated current A	Cat. no.	Number of poles	Rated current A	Cat. no.
1	10	S801C-D10	3	10	S803C-D10
	13	S801C-D13		13	S803C-D13
	16	S801C-D16		16	S803C-D16
	20	S801C-D20		20	S803C-D20
	25	S801C-D25		25	S803C-D25
	32	S801C-D32		32	S803C-D32
	40	S801C-D40		40	S803C-D40
	50	S801C-D50		50	S803C-D50
	63	S801C-D63		63	S803C-D63
	80	S801C-D80		80	S803C-D80
2	10	S802C-D10	4	10	S804C-D10
	13	S802C-D13		13	S804C-D13
	16	S802C-D16		16	S804C-D16
	20	S802C-D20		20	S804C-D20
	25	S802C-D25		25	S804C-D25
	32	S802C-D32		32	S804C-D32
	40	S802C-D40		40	S804C-D40
	50	S802C-D50		50	S804C-D50
	63	S802C-D63		63	S804C-D63
	80	S802C-D80		80	S804C-D80
	100	S802C-D100		100	S804C-D100

S800C-K

With interchangeable cage terminal



S801C-K



S802C-K



S803C-K



S804C-K

Number of poles	Rated current A	Cat. no.	Number of poles	Rated current A	Cat. no.
1	10	S801C-K10	3	10	S803C-K10
	13	S801C-K13		13	S803C-K13
	16	S801C-K16		16	S803C-K16
	20	S801C-K20		20	S803C-K20
	25	S801C-K25		25	S803C-K25
	32	S801C-K32		32	S803C-K32
	40	S801C-K40		40	S803C-K40
	50	S801C-K50		50	S803C-K50
	63	S801C-K63		63	S803C-K63
	80	S801C-K80		80	S803C-K80
2	10	S802C-K10	4	10	S804C-K10
	13	S802C-K13		13	S804C-K13
	16	S802C-K16		16	S804C-K16
	20	S802C-K20		20	S804C-K20
	25	S802C-K25		25	S804C-K25
	32	S802C-K32		32	S804C-K32
	40	S802C-K40		40	S804C-K40
	50	S802C-K50		50	S804C-K50
	63	S802C-K63		63	S804C-K63
	80	S802C-K80		80	S804C-K80
	100	S802C-K100		100	S804C-K100

S800S-B

With interchangeable cage terminal



S801S-B



S802S-B



S803S-B



S804S-B

Number of poles	Rated current		Number of poles	Rated current	
	I_n A	Cat. no.		I_n A	Cat. no.
1	0.5	S801S-B0.5	3	0.5	S803S-B0.5
	1	S801S-B1		1	S803S-B1
	1.6	S801S-B1.6		1.6	S803S-B1.6
	2	S801S-B2		2	S803S-B2
	2.5	S801S-B2.5		2.5	S803S-B2.5
	3	S801S-B3		3	S803S-B3
	4	S801S-B4		4	S803S-B4
	5	S801S-B5		5	S803S-B5
	6	S801S-B6		6	S803S-B6
	8	S801S-B8		8	S803S-B8
	10	S801S-B10		10	S803S-B10
	13	S801S-B13		13	S803S-B13
	16	S801S-B16		16	S803S-B16
	20	S801S-B20		20	S803S-B20
2	0.5	S802S-B0.5	4	0.5	S804S-B0.5
	1	S802S-B1		1	S804S-B1
	1.6	S802S-B1.6		1.6	S804S-B1.6
	2	S802S-B2		2	S804S-B2
	2.5	S802S-B2.5		2.5	S804S-B2.5
	3	S802S-B3		3	S804S-B3
	4	S802S-B4		4	S804S-B4
	5	S802S-B5		5	S804S-B5
	6	S802S-B6		6	S804S-B6
	8	S802S-B8		8	S804S-B8
	10	S802S-B10		10	S804S-B10
	13	S802S-B13		13	S804S-B13
	16	S802S-B16		16	S804S-B16
	20	S802S-B20		20	S804S-B20
25	S802S-B25	25	S804S-B25		
32	S802S-B32	32	S804S-B32		
40	S802S-B40	40	S804S-B40		
50	S802S-B50	50	S804S-B50		
63	S802S-B63	63	S804S-B63		

S800S-C

With interchangeable cage terminal



S801S-C



S802S-C



S803S-C



S804S-C

Number of poles	Rated current I_n A	Cat. no.	Number of poles	Rated current I_n A	Cat. no.
1	0.5	S801S-C0.5	3	0.5	S803S-C0.5
	1	S801S-C1		1	S803S-C1
	1.6	S801S-C1.6		1.6	S803S-C1.6
	2	S801S-C2		2	S803S-C2
	2.5	S801S-C2.5		2.5	S803S-C2.5
	3	S801S-C3		3	S803S-C3
	4	S801S-C4		4	S803S-C4
	5	S801S-C5		5	S803S-C5
	6	S801S-C6		6	S803S-C6
	8	S801S-C8		8	S803S-C8
	10	S801S-C10		10	S803S-C10
	13	S801S-C13		13	S803S-C13
	16	S801S-C16		16	S803S-C16
	20	S801S-C20		20	S803S-C20
	25	S801S-C25		25	S803S-C25
	32	S801S-C32		32	S803S-C32
40	S801S-C40	40	S803S-C40		
50	S801S-C50	50	S803S-C50		
63	S801S-C63	63	S803S-C63		
2	0.5	S802S-C0.5	4	0.5	S804S-C0.5
	1	S802S-C1		1	S804S-C1
	1.6	S802S-C1.6		1.6	S804S-C1.6
	2	S802S-C2		2	S804S-C2
	2.5	S802S-C2.5		2.5	S804S-C2.5
	3	S802S-C3		3	S804S-C3
	4	S802S-C4		4	S804S-C4
	5	S802S-C5		5	S804S-C5
	6	S802S-C6		6	S804S-C6
	8	S802S-C8		8	S804S-C8
	10	S802S-C10		10	S804S-C10
	13	S802S-C13		13	S804S-C13
	16	S802S-C16		16	S804S-C16
	20	S802S-C20		20	S804S-C20
	25	S802S-C25		25	S804S-C25
	32	S802S-C32		32	S804S-C32
40	S802S-C40	40	S804S-C40		
50	S802S-C50	50	S804S-C50		
63	S802S-C63	63	S804S-C63		

S800S-D

With interchangeable cage terminal



S801S-D



S802S-D



S803S-D



S804S-D

Number of poles	Rated current		Number of poles	Rated current	
	I_n A	Cat. no.		I_n A	Cat. no.
1	0.5	S801S-D0.5	3	0.5	S803S-D0.5
	1	S801S-D1		1	S803S-D1
	1.6	S801S-D1.6		1.6	S803S-D1.6
	2	S801S-D2		2	S803S-D2
	2.5	S801S-D2.5		2.5	S803S-D2.5
	3	S801S-D3		3	S803S-D3
	4	S801S-D4		4	S803S-D4
	5	S801S-D5		5	S803S-D5
	6	S801S-D6		6	S803S-D6
	8	S801S-D8		8	S803S-D8
	10	S801S-D10		10	S803S-D10
	13	S801S-D13		13	S803S-D13
	16	S801S-D16		16	S803S-D16
	20	S801S-D20		20	S803S-D20
2	0.5	S802S-D0.5	4	0.5	S804S-D0.5
	1	S802S-D1		1	S804S-D1
	1.6	S802S-D1.6		1.6	S804S-D1.6
	2	S802S-D2		2	S804S-D2
	2.5	S802S-D2.5		2.5	S804S-D2.5
	3	S802S-D3		3	S804S-D3
	4	S802S-D4		4	S804S-D4
	5	S802S-D5		5	S804S-D5
	6	S802S-D6		6	S804S-D6
	8	S802S-D8		8	S804S-D8
	10	S802S-D10		10	S804S-D10
	13	S802S-D13		13	S804S-D13
	16	S802S-D16		16	S804S-D16
	20	S802S-D20		20	S804S-D20
25	S802S-D25	25	S804S-D25		
32	S802S-D32	32	S804S-D32		
40	S802S-D40	40	S804S-D40		
50	S802S-D50	50	S804S-D50		
63	S802S-D63	63	S804S-D63		

S800S-K

With interchangeable cage terminal



S801S-K



S802S-K



S803S-K



S804S-K

Number of poles	Rated current I_n A	Cat. no.	Number of poles	Rated current I_n A	Cat. no.
1	0.5	S801S-K0.5	3	0.5	S803S-K0.5
	1	S801S-K1		1	S803S-K1
	1.6	S801S-K1.6		1.6	S803S-K1.6
	2	S801S-K2		2	S803S-K2
	2.5	S801S-K2.5		2.5	S803S-K2.5
	3	S801S-K3		3	S803S-K3
	4	S801S-K4		4	S803S-K4
	5	S801S-K5		5	S803S-K5
	6	S801S-K6		6	S803S-K6
	8	S801S-K8		8	S803S-K8
	10	S801S-K10		10	S803S-K10
	13	S801S-K13		13	S803S-K13
	16	S801S-K16		16	S803S-K16
	20	S801S-K20		20	S803S-K20
	25	S801S-K25		25	S803S-K25
32	S801S-K32	32	S803S-K32		
40	S801S-K40	40	S803S-K40		
50	S801S-K50	50	S803S-K50		
63	S801S-K63	63	S803S-K63		
2	0.5	S802S-K0.5	4	0.5	S804S-K0.5
	1	S802S-K1		1	S804S-K1
	1.6	S802S-K1.6		1.6	S804S-K1.6
	2	S802S-K2		2	S804S-K2
	2.5	S802S-K2.5		2.5	S804S-K2.5
	3	S802S-K3		3	S804S-K3
	4	S802S-K4		4	S804S-K4
	5	S802S-K5		5	S804S-K5
	6	S802S-K6		6	S804S-K6
	8	S802S-K8		8	S804S-K8
	10	S802S-K10		10	S804S-K10
	13	S802S-K13		13	S804S-K13
	16	S802S-K16		16	S804S-K16
	20	S802S-K20		20	S804S-K20
	25	S802S-K25		25	S804S-K25
32	S802S-K32	32	S804S-K32		
40	S802S-K40	40	S804S-K40		
50	S802S-K50	50	S804S-K50		
63	S802S-K63	63	S804S-K63		

S300P

Technical features



General data	
Tripping characteristics	B, C, D, K, Z
Rated voltage	1P: 277 V AC, 60 V DC 2...4P: 480V/277 V AC, 125 V DC (2 poles in series)
Rated interrupting capacity	10 kA
Application suppl. prot., for general use.	TC2, OL0, SC:U1
Reference temperature for tripping characteristics	40 °C
Electrical endurance	6,000 ops., 1 cycle (1 s.-ON, 9 s.-OFF)
Mechanical data	
Housing	Insulation group I, RAL 7035
Toggle	Insulation group II, black, sealable
Contact position indication	Real CPI (green OFF / red ON)
Trip position indicator	TPI (gray NO TRIP / orange TRIP)
Protection degree acc. to DIN EN 60529	IP20, IP40 in enclosure with cover
Mechanical endurance	20,000 ops.
Shock resistance acc. to IEC/EN 60068-2-27	25 g - 3 shocks - 18 ms
Vibration resistance acc. to IEC/EN 60068-2-6	5 g - 20 cycles at 5 ... 150 ... 5 Hz at 0.8 In
Environmental conditions (damp heat cyclic) acc. to IEC/EN 60068-2-30	28 cycles with 55 °C/90–96 % and 25 °C/95–100 %
Ambient temperature	-40 ... +70 °C
Storage temperature	-50 ... +70 °C
Installation	
Terminal	Fail-safe bi-directional cylinder-lift terminal
Cross-section of conductors (top/bottom)	Solid, stranded: 35 mm ² / 35 mm ² flexible: 25 mm ² / 25 mm ² 14–4 AWG
Cross-section of busbars (top/bottom)	10 mm ² / 10 mm ² 14–8 AWG
Torque	2.8 Nm; 18 in.-lbs.
Screw driver	No. 2 Pozidrive
Mounting	On 35 mm DIN rail, acc. to EN 60715 by dual DIN-rail release
Mounting position	Any
Supply	Any
Standards	
IEC/EN 60947-2	
IEC/EN 60898-1	
UL 1077	
CSA 22.2. No. 235	
GB/T 14048.2	
GB/T 10963.1	

S300P-B

UL 1077, CSA 22.2 No. 235



S301P-B



S302P-B



S303P-B



S304P-B

S300P-B characteristics

Function: Protection and control of circuits against overloads and short circuits; protection for people and long lengths of cables in TN and IT systems.

Standards: **UL 1077, IEC/EN 60898-1, IEC/EN 60947-2**

UL 1077 interrupt rating: 10 kA

Number of poles	Rated current		Number of poles	Rated current	
	I_n A	Cat. no.		I_n A	Cat. no.
1	6	S301P-B6	3	6	S303P-B6
	8	S301P-B8		8	S303P-B8
	10	S301P-B10		10	S303P-B10
	13	S301P-B13		13	S303P-B13
	16	S301P-B16		16	S303P-B16
	20	S301P-B20		20	S303P-B20
	25	S301P-B25		25	S303P-B25
	32	S301P-B32		32	S303P-B32
	40	S301P-B40		40	S303P-B40
2	50	S301P-B50	4	50	S303P-B50
	63	S301P-B63		63	S303P-B63
	6	S302P-B6		6	S304P-B6
	8	S302P-B8		8	S304P-B8
	10	S302P-B10		10	S304P-B10
	13	S302P-B13		13	S304P-B13
	16	S302P-B16		16	S304P-B16
	20	S302P-B20		20	S304P-B20
	25	S302P-B25		25	S304P-B25
32	S302P-B32	32	S304P-B32		
40	S302P-B40	40	S304P-B40		
50	S302P-B50	50	S304P-B50		
63	S302P-B63	63	S304P-B63		

S300P-C

UL 1077, CSA 22.2 No. 235



S301P-C



S302P-C



S303P-C



S304P-C

S300P-C characteristics

Function: Protection and control of circuits against overloads and short circuits; protection for people and long lengths of cables in TN and IT systems.

Standards: UL 1077, IEC/EN 60898-1, IEC/EN 60947-2

UL 1077 interrupt rating: 10 kA

Number of poles	Rated current		Number of poles	Rated current	
	I_n A	Cat. no.		I_n A	Cat. no.
1	0.5	S301P-C0,5	3	0.5	S303P-C0,5
	1	S301P-C1		1	S303P-C1
	1.6	S301P-C1,6		1.6	S303P-C1,6
	2	S301P-C2		2	S303P-C2
	3	S301P-C3		3	S303P-C3
	4	S301P-C4		4	S303P-C4
	6	S301P-C6		6	S303P-C6
	8	S301P-C8		8	S303P-C8
	10	S301P-C10		10	S303P-C10
	13	S301P-C13		13	S303P-C13
	16	S301P-C16		16	S303P-C16
	20	S301P-C20		20	S303P-C20
	25	S301P-C25		25	S303P-C25
	32	S301P-C32		32	S303P-C32
2	40	S301P-C40	4	40	S303P-C40
	50	S301P-C50		50	S303P-C50
	63	S301P-C63		63	S303P-C63
	0.5	S302P-C0,5		0.5	S304P-C0,5
	1	S302P-C1		1	S304P-C1
	1.6	S302P-C1,6		1.6	S304P-C1,6
	2	S302P-C2		2	S304P-C2
	3	S302P-C3		3	S304P-C3
	4	S302P-C4		4	S304P-C4
	6	S302P-C6		6	S304P-C6
	8	S302P-C8		8	S304P-C8
	10	S302P-C10		10	S304P-C10
	13	S302P-C13		13	S304P-C13
	16	S302P-C16		16	S304P-C16
20	S302P-C20	20	S304P-C20		
25	S302P-C25	25	S304P-C25		
32	S302P-C32	32	S304P-C32		
40	S302P-C40	40	S304P-C40		
50	S302P-C50	50	S304P-C50		
63	S302P-C63	63	S304P-C63		

S300P-D

UL 1077, CSA 22.2 No. 235



S301P-D



S302P-D



S303P-D



S304P-D

S300P-D characteristics

Function: Protection and control of circuits against overloads and short circuits; protection for people and long lengths of cables in TN and IT systems.

Standards: UL 1077, IEC/EN 60898-1, IEC/EN 60947-2

UL 1077 interrupt rating: 10 kA

Number of poles	Rated current		Number of poles	Rated current	
	I_n A	Cat. no.		I_n A	Cat. no.
1	0.5	S301P-D0,5	3	0.5	S303P-D0,5
	1	S301P-D1		1	S303P-D1
	1.6	S301P-D1,6		1.6	S303P-D1,6
	2	S301P-D2		2	S303P-D2
	3	S301P-D3		3	S303P-D3
	4	S301P-D4		4	S303P-D4
	6	S301P-D6		6	S303P-D6
	8	S301P-D8		8	S303P-D8
	10	S301P-D10		10	S303P-D10
	13	S301P-D13		13	S303P-D13
	16	S301P-D16		16	S303P-D16
	20	S301P-D20		20	S303P-D20
	25	S301P-D25		25	S303P-D25
	32	S301P-D32		32	S303P-D32
2	40	S301P-D40	4	40	S303P-D40
	50	S301P-D50		50	S303P-D50
	63	S301P-D63		63	S303P-D63
	0.5	S302P-D0,5		0.5	S304P-D0,5
	1	S302P-D1		1	S304P-D1
	1.6	S302P-D1,6		1.6	S304P-D1,6
	2	S302P-D2		2	S304P-D2
	3	S302P-D3		3	S304P-D3
	4	S302P-D4		4	S304P-D4
	6	S302P-D6		6	S304P-D6
	8	S302P-D8		8	S304P-D8
	10	S302P-D10		10	S304P-D10
	13	S302P-D13		13	S304P-D13
	16	S302P-D16		16	S304P-D16
20	S302P-D20	20	S304P-D20		
25	S302P-D25	25	S304P-D25		
32	S302P-D32	32	S304P-D32		
40	S302P-D40	40	S304P-D40		
50	S302P-D50	50	S304P-D50		
63	S302P-D63	63	S304P-D63		

S300P-K

UL 1077, CSA 22.2 No. 235



S301P-K



S302P-K



S303P-K



S304P-K

S300P-K (power) characteristics

Function: Protection and control of circuits like motors, transformers and auxiliary circuits, against overloads and short circuits.

Advantages: No nuisance tripping in the case of functional peak currents up to $10 \times I_n$. Depending on the series; through its highly sensitive thermostatic bimetal trip, the K-type characteristic offers protection to damageable elements in the overcurrent range; it also provides the best protection to cables and lines.

UL 1077 interrupt rating: 10 kA

Number of poles	Rated current I_n A	Cat. no.	Number of poles	Rated current I_n A	Cat. no.
1	0.2	S301P-K0.2	3	0.2	S303P-K0.2
	0.3	S301P-K0.3		0.3	S303P-K0.3
	0.5	S301P-K0,5		0.5	S303P-K0,5
	0.75	S301P-K0.75		0.75	S303P-K0.75
	1	S301P-K1		1	S303P-K1
	1.6	S301P-K1,6		1.6	S303P-K1,6
	2	S301P-K2		2	S303P-K2
	3	S301P-K3		3	S303P-K3
	4	S301P-K4		4	S303P-K4
	6	S301P-K6		6	S303P-K6
	8	S301P-K8		8	S303P-K8
	10	S301P-K10		10	S303P-K10
	13	S301P-K13		13	S303P-K13
	16	S301P-K16		16	S303P-K16
2	0.2	S302P-K0.2	4	0.2	S304P-K0.2
	0.3	S302P-K0.3		0.3	S304P-K0.3
	0.5	S302P-K0,5		0.5	S304P-K0,5
	0.75	S302P-K0.75		0.75	S304P-K0.75
	1	S302P-K1		1	S304P-K1
	1.6	S302P-K1,6		1.6	S304P-K1,6
	2	S302P-K2		2	S304P-K2
	3	S302P-K3		3	S304P-K3
	4	S302P-K4		4	S304P-K4
	6	S302P-K6		6	S304P-K6
	8	S302P-K8		8	S304P-K8
	10	S302P-K10		10	S304P-K10
	13	S302P-K13		13	S304P-K13
	16	S302P-K16		16	S304P-K16
20	S302P-K20	20	S304P-K20		
25	S302P-K25	25	S304P-K25		
32	S302P-K32	32	S304P-K32		
40	S302P-K40	40	S304P-K40		
50	S302P-K50	50	S304P-K50		
63	S302P-K63	63	S304P-K63		

S300P-Z

UL 1077, CSA 22.2 No. 235



S301P-Z



S302P-Z



S303P-Z



S304P-Z

S300P-Z characteristics

Function: Protection and control of electronic circuits against lower and long duration overloads and short circuits.

Standards: UL1077, IEC/EN 60947-2

UL 1077 interrupt rating: 10 kA

Number of poles	Rated current I_n A	Cat. no.	Number of poles	Rated current I_n A	Cat. no.
1	0.5	S301P-Z0,5	3	0.5	S303P-Z0,5
	1	S301P-Z1		1	S303P-Z1
	1.6	S301P-Z1,6		1.6	S303P-Z1,6
	2	S301P-Z2		2	S303P-Z2
	3	S301P-Z3		3	S303P-Z3
	4	S301P-Z4		4	S303P-Z4
	6	S301P-Z6		6	S303P-Z6
	8	S301P-Z8		8	S303P-Z8
	10	S301P-Z10		10	S303P-Z10
	16	S301P-Z16		16	S303P-Z16
	20	S301P-Z20		20	S303P-Z20
	25	S301P-Z25		25	S303P-Z25
	32	S301P-Z32		32	S303P-Z32
	40	S301P-Z40		40	S303P-Z40
50	S301P-Z50	50	S303P-Z50		
63	S301P-Z63	63	S303P-Z63		
2	0.5	S302P-Z0,5	4	0.5	S304P-Z0,5
	1	S302P-Z1		1	S304P-Z1
	1.6	S302P-Z1,6		1.6	S304P-Z1,6
	2	S302P-Z2		2	S304P-Z2
	3	S302P-Z3		3	S304P-Z3
	4	S302P-Z4		4	S304P-Z4
	6	S302P-Z6		6	S304P-Z6
	8	S302P-Z8		8	S304P-Z8
	10	S302P-Z10		10	S304P-Z10
	16	S302P-Z16		16	S304P-Z16
	20	S302P-Z20		20	S304P-Z20
	25	S302P-Z25		25	S304P-Z25
	32	S302P-Z32		32	S304P-Z32
	40	S302P-Z40		40	S304P-Z40
50	S302P-Z50	50	S304P-Z50		
63	S302P-Z63	63	S304P-Z63		

ST200MTR — ring tongue terminal

Technical features



		ST200MTR
Data acc. to UL1077 / CSA 22.2 No.235	Standards	UL1077 / CSA 22.2 No.235
	Poles	1P, 2P, 3P, 4P for AC 1P, 2P and 4P for DC
	Tripping characteristics	K, Z rated tripping current $1.6 \times I_n$ (see tripping curve)
	Rated current I_n	$0.5 \leq I_n \leq 63A$
	Rated frequency f	50/60 and DC (0 Hz)
	Rated insulation voltage U_i	400 V DC (pollution degree 3) 500 V DC (pollution degree 2)
	Overtoltage category	III
	Rated voltage	480Y / 277 V AC 1P: 250 V DC and 2+4P: up to 500 V DC (pollution degree 2)
	Rated interrupting capacity	6 kA AC 10 kA DC
	Application	Suppl. prot. for general use. Application Codes: TC2, OL0, SC: U1
	Reference temperature for tripping characteristics	25 °C

ST200MTR — ring tongue terminal

K characteristic



ST201MTR-K3



ST202MTR-K0,5



ST203MTR-K1



ST204MTR-K1

Number of poles	Rated current		Number of poles	Rated current	
	I_n A	Cat. no.		I_n A	Cat. no.
1	0.5	ST201MTR-K0,5	3	0.5	ST203MTR-K0,5
	1	ST201MTR-K1		1	ST203MTR-K1
	1.6	ST201MTR-K1,6		1.6	ST203MTR-K1,6
	2	ST201MTR-K2		2	ST203MTR-K2
	3	ST201MTR-K3		3	ST203MTR-K3
	4	ST201MTR-K4		4	ST203MTR-K4
	5	ST201MTR-K5		5	ST203MTR-K5
	6	ST201MTR-K6		6	ST203MTR-K6
	8	ST201MTR-K8		8	ST203MTR-K8
	10	ST201MTR-K10		10	ST203MTR-K10
	13	ST201MTR-K13		13	ST203MTR-K13
	15	ST201MTR-K15		15	ST203MTR-K15
	16	ST201MTR-K16		16	ST203MTR-K16
	20	ST201MTR-K20		20	ST203MTR-K20
	25	ST201MTR-K25		25	ST203MTR-K25
	30	ST201MTR-K30		30	ST203MTR-K30
32	ST201MTR-K32	32	ST203MTR-K32		
35	ST201MTR-K35	35	ST203MTR-K35		
40	ST201MTR-K40	40	ST203MTR-K40		
50	ST201MTR-K50	50	ST203MTR-K50		
60	ST201MTR-K60	60	ST203MTR-K60		
63	ST201MTR-K63	63	ST203MTR-K63		
2	0.5	ST202MTR-K0,5	4	0.5	ST204MTR-K0,5
	1	ST202MTR-K1		1	ST204MTR-K1
	1.6	ST202MTR-K1,6		1.6	ST204MTR-K1,6
	2	ST202MTR-K2		2	ST204MTR-K2
	3	ST202MTR-K3		3	ST204MTR-K3
	4	ST202MTR-K4		4	ST204MTR-K4
	5	ST202MTR-K5		5	ST204MTR-K5
	6	ST202MTR-K6		6	ST204MTR-K6
	8	ST202MTR-K8		8	ST204MTR-K8
	10	ST202MTR-K10		10	ST204MTR-K10
	13	ST202MTR-K13		13	ST204MTR-K13
	15	ST202MTR-K15		15	ST204MTR-K15
	16	ST202MTR-K16		16	ST204MTR-K16
	20	ST202MTR-K20		20	ST204MTR-K20
	25	ST202MTR-K25		25	ST204MTR-K25
	30	ST202MTR-K30		30	ST204MTR-K30
32	ST202MTR-K32	32	ST204MTR-K32		
35	ST202MTR-K35	40	ST204MTR-K35		
40	ST202MTR-K40	50	ST204MTR-K40		
50	ST202MTR-K50	60	ST204MTR-K50		
60	ST202MTR-K60	63	ST204MTR-K60		
63	ST202MTR-K63				

ST200MTR — ring tongue terminal

K characteristic — DC



ST201MTR-K1 DC



ST202MTR-K1 DC



ST204MTR-K1 DC

Number of poles	Rated current		Cat. no.	Number of poles	Rated current	
	I_n A				I_n A	
1	4	0.5	ST201MTR-K0,5 DC	4	0.5	ST204MTR-K0,5 DC
		1	ST201MTR-K1 DC		1	ST204MTR-K1 DC
		1.6	ST201MTR-K1,6 DC		1.6	ST204MTR-K1,6 DC
		2	ST201MTR-K2 DC		2	ST204MTR-K2 DC
		3	ST201MTR-K3 DC		3	ST204MTR-K3 DC
		4	ST201MTR-K4 DC		4	ST204MTR-K4 DC
		5	ST201MTR-K5 DC		5	ST204MTR-K5 DC
		6	ST201MTR-K6 DC		6	ST204MTR-K6 DC
		8	ST201MTR-K8 DC		8	ST204MTR-K8 DC
		10	ST201MTR-K10 DC		10	ST204MTR-K10 DC
		13	ST201MTR-K13 DC		13	ST204MTR-K13 DC
		15	ST201MTR-K15 DC		15	ST204MTR-K15 DC
		16	ST201MTR-K16 DC		16	ST204MTR-K16 DC
		20	ST201MTR-K20 DC		20	ST204MTR-K20 DC
		25	ST201MTR-K25 DC		25	ST204MTR-K25 DC
		30	ST201MTR-K30 DC		30	ST204MTR-K30 DC
		32	ST201MTR-K32 DC		32	ST204MTR-K32 DC
		35	ST201MTR-K35 DC		35	ST204MTR-K35 DC
		40	ST201MTR-K40 DC		40	ST204MTR-K40 DC
		50	ST201MTR-K50 DC		50	ST204MTR-K50 DC
60	ST201MTR-K60 DC	60	ST204MTR-K60 DC			
63	ST201MTR-K63 DC	63	ST204MTR-K63 DC			
2	2	0.5	ST202MTR-K0,5 DC	2	0.5	ST204MTR-K0,5 DC
		1	ST202MTR-K1 DC		1	ST204MTR-K1 DC
		1.6	ST202MTR-K1,6 DC		1.6	ST204MTR-K1,6 DC
		2	ST202MTR-K2 DC		2	ST204MTR-K2 DC
		3	ST202MTR-K3 DC		3	ST204MTR-K3 DC
		4	ST202MTR-K4 DC		4	ST204MTR-K4 DC
		5	ST202MTR-K5 DC		5	ST204MTR-K5 DC
		6	ST202MTR-K6 DC		6	ST204MTR-K6 DC
		8	ST202MTR-K8 DC		8	ST204MTR-K8 DC
		10	ST202MTR-K10 DC		10	ST204MTR-K10 DC
		13	ST202MTR-K13 DC		13	ST204MTR-K13 DC
		15	ST202MTR-K15 DC		15	ST204MTR-K15 DC
		16	ST202MTR-K16 DC		16	ST204MTR-K16 DC
		20	ST202MTR-K20 DC		20	ST204MTR-K20 DC
		25	ST202MTR-K25 DC		25	ST204MTR-K25 DC
		30	ST202MTR-K30 DC		30	ST204MTR-K30 DC
32	ST202MTR-K32 DC	32	ST204MTR-K32 DC			
35	ST202MTR-K35 DC	35	ST204MTR-K35 DC			
40	ST202MTR-K40 DC	40	ST204MTR-K40 DC			
50	ST202MTR-K50 DC	50	ST204MTR-K50 DC			
60	ST202MTR-K60 DC	60	ST204MTR-K60 DC			
63	ST202MTR-K63 DC	63	ST204MTR-K63 DC			

Please consider polarity as note above the codes.

ST200MTR — ring tongue terminal Z characteristic



ST201MTR-Z1



ST202MTR-Z1



ST203MTR-Z1



ST204MTR-Z1

Number of poles	Rated current I_n A	Cat. no.	Number of poles	Rated current I_n A	Cat. no.
1	0.5	ST201MTR-Z0,5	3	0.5	ST203MTR-Z0,5
	1	ST201MTR-Z1		1	ST203MTR-Z1
	1.6	ST201MTR-Z1,6		1.6	ST203MTR-Z1,6
	2	ST201MTR-Z2		2	ST203MTR-Z2
	3	ST201MTR-Z3		3	ST203MTR-Z3
	4	ST201MTR-Z4		4	ST203MTR-Z4
	5	ST201MTR-Z5		5	ST203MTR-Z5
	6	ST201MTR-Z6		6	ST203MTR-Z6
	8	ST201MTR-Z8		8	ST203MTR-Z8
	10	ST201MTR-Z10		10	ST203MTR-Z10
	15	ST201MTR-Z15		15	ST203MTR-Z15
	16	ST201MTR-Z16		16	ST203MTR-Z16
	20	ST201MTR-Z20		20	ST203MTR-Z20
	25	ST201MTR-Z25		25	ST203MTR-Z25
	30	ST201MTR-Z30		30	ST203MTR-Z30
	32	ST201MTR-Z32		32	ST203MTR-Z32
	2	0.5		ST202MTR-Z0,5	4
1		ST202MTR-Z1	1	ST204MTR-Z1	
1.6		ST202MTR-Z1,6	1.6	ST204MTR-Z1,6	
2		ST202MTR-Z2	2	ST204MTR-Z2	
3		ST202MTR-Z3	3	ST204MTR-Z3	
4		ST202MTR-Z4	4	ST204MTR-Z4	
5		ST202MTR-Z5	5	ST204MTR-Z5	
6		ST202MTR-Z6	6	ST204MTR-Z6	
8		ST202MTR-Z8	8	ST204MTR-Z8	
10		ST202MTR-Z10	10	ST204MTR-Z10	
15		ST202MTR-Z15	15	ST204MTR-Z15	
16		ST202MTR-Z16	16	ST204MTR-Z16	
20		ST202MTR-Z20	20	ST204MTR-Z20	
25		ST202MTR-Z25	25	ST204MTR-Z25	
30		ST202MTR-Z30	30	ST204MTR-Z30	
32		ST202MTR-Z32	32	ST204MTR-Z32	
35		ST202MTR-Z35	35	ST204MTR-Z35	
40	ST202MTR-Z40	40	ST204MTR-Z40		
50	ST202MTR-Z50	50	ST204MTR-Z50		
60	ST202MTR-Z60	60	ST204MTR-Z60		
63	ST202MTR-Z63	63	ST204MTR-Z63		

ST200MTR — ring tongue terminal

Z characteristic — DC



ST201MTR-Z1 DC



ST202MTR-Z1 DC



ST204MTR-Z1 DC

Number of poles	Rated current		Cat. no.	Number of poles	Rated current		
	I_n	A			I_n	A	Cat. no.
1	1	0.5	ST201MTR-Z0,5 DC	4	4	0.5	ST204MTR-Z0,5 DC
		1	ST201MTR-Z1 DC			1	ST204MTR-Z1 DC
		1.6	ST201MTR-Z1,6 DC			1.6	ST204MTR-Z1,6 DC
		2	ST201MTR-Z2 DC			2	ST204MTR-Z2 DC
		3	ST201MTR-Z3 DC			3	ST204MTR-Z3 DC
		4	ST201MTR-Z4 DC			4	ST204MTR-Z4 DC
		5	ST201MTR-Z5 DC			5	ST204MTR-Z5 DC
		6	ST201MTR-Z6 DC			6	ST204MTR-Z6 DC
		8	ST201MTR-Z8 DC			8	ST204MTR-Z8 DC
		10	ST201MTR-Z10 DC			10	ST204MTR-Z10 DC
		15	ST201MTR-Z15 DC			15	ST204MTR-Z15 DC
		16	ST201MTR-Z16 DC			16	ST204MTR-Z16 DC
		20	ST201MTR-Z20 DC			20	ST204MTR-Z20 DC
		25	ST201MTR-Z25 DC			25	ST204MTR-Z25 DC
		30	ST201MTR-Z30 DC			30	ST204MTR-Z30 DC
		32	ST201MTR-Z32 DC			32	ST204MTR-Z32 DC
		35	ST201MTR-Z35 DC			35	ST204MTR-Z35 DC
		40	ST201MTR-Z40 DC			40	ST204MTR-Z40 DC
		50	ST201MTR-Z50 DC			50	ST204MTR-Z50 DC
		60	ST201MTR-Z60 DC			60	ST204MTR-Z60 DC
63	ST201MTR-Z63 DC	63	ST204MTR-Z63 DC				
2	2	0.5	ST202MTR-Z0,5 DC	2	2	0.5	ST202MTR-Z0,5 DC
		1	ST202MTR-Z1 DC			1	ST202MTR-Z1 DC
		1.6	ST202MTR-Z1,6 DC			1.6	ST202MTR-Z1,6 DC
		2	ST202MTR-Z2 DC			2	ST202MTR-Z2 DC
		3	ST202MTR-Z3 DC			3	ST202MTR-Z3 DC
		4	ST202MTR-Z4 DC			4	ST202MTR-Z4 DC
		5	ST202MTR-Z5 DC			5	ST202MTR-Z5 DC
		6	ST202MTR-Z6 DC			6	ST202MTR-Z6 DC
		8	ST202MTR-Z8 DC			8	ST202MTR-Z8 DC
		10	ST202MTR-Z10 DC			10	ST202MTR-Z10 DC
		15	ST202MTR-Z15 DC			15	ST202MTR-Z15 DC
		16	ST202MTR-Z16 DC			16	ST202MTR-Z16 DC
		20	ST202MTR-Z20 DC			20	ST202MTR-Z20 DC
		25	ST202MTR-Z25 DC			25	ST202MTR-Z25 DC
		30	ST202MTR-Z30 DC			30	ST202MTR-Z30 DC
		32	ST202MTR-Z32 DC			32	ST202MTR-Z32 DC
35	ST202MTR-Z35 DC	35	ST202MTR-Z35 DC				
40	ST202MTR-Z40 DC	40	ST202MTR-Z40 DC				
50	ST202MTR-Z50 DC	50	ST202MTR-Z50 DC				
60	ST202MTR-Z60 DC	60	ST202MTR-Z60 DC				
63	ST202MTR-Z63 DC	63	ST202MTR-Z63 DC				

Accessories

ST200M, S200MR and S200MUC — UL 1077, CSA 22.2 No. 235



S2C-H6...



S2C-S/H6R



S2C-A



S2C-UA



SA1



SA2



S2C-H

Auxiliary contacts

Description (for field mounting: right side)	Cat. no.
Auxiliary contact 1 CO	S2C-H6R
Auxiliary contact 1 NO/1 NC	S2C-H6-11R
Auxiliary contact 2 NO	S2C-H6-20R
Auxiliary contact 2 NC	S2C-H6-02R

Bell alarm — signal contact

Description	Cat. no.
For field mounting: right side	S2C-S/H6R

Shunt trip

Description (for field mounting: right side)	Cat. no.
A1-12-60 V AC (12–60 V DC)	S2C-A1
A2-110-415 V AC (110–250 V DC)	S2C-A2

Under-voltage release

Description (for field mounting: right side)	Cat. no.
12 V DC	S2C-UA12DC
24 V AC or V DC	S2C-UA24AC or S2C-UA24DC
48 V AC or V DC	S2C-UA48AC or S2C-UA48DC
110 V AC or V DC	S2C-UA110AC or S2C-UA110DC
230 V AC or V DC	S2C-UA230AC or S2C-UA230DC
400 V AC	S2C-UA400AC

Locking device

Description	Cat. no.
Locking device, 3 mm	SA1
Padlock with two keys	SA2

Bottom-fitted auxiliary contact

Description	Cat. no.
Auxiliary contact 1 NC	S2C-H01
Auxiliary contact 1 NO	S2C-H10

Busbars PS...CB and accessories according to UL 508

Ordering data

Busbars suitable for cutting

Phases	mm ²	No. of pins	Weight 1 piece kg	Pack unit pc.	Cat. no.
1-phase busbars, pin distance 17.6 mm, end caps PS-END 1 CB					
1	18	57	0.289	10	PS 1/57/18 CB
1	25	57	0.360	10	PS 1/57/25 CB
1-phase busbars, connection of 1-pole devices with auxiliary, end caps PS-END 1 CB					
1	18	37	0.254	10	2CDL210508R3718
1	25	37	0.310	10	2CDL210508R3725
2-phase busbars, pin distance 17.6 mm, end caps PS-END 3 CB					
2	18	56	0.639	10	PS 2/56/18 CB
2	25	56	0.795	10	PS 2/56/25 CB
2-phase busbars, connection of 2-pole devices with auxiliary, end caps PS-END 3 CB					
2	18	46	0.672	10	PS 2/46/18 H CB
2	25	46	0.782	10	PS 2/46/25 H CB
3-phase busbars, pin distance 17.6 mm, end caps PS-END 3					
3	18	57	0.929	10	PS 3/57/18 CB
3	25	57	1.026	10	PS 3/57/25 CB
3-phase busbars, connection of 3-pole devices with auxiliary, end caps PS-END 3 CB					
3	18	48	0.788	10	PS 3/48/18 H CB
3	25	48	0.974	10	PS 3/48/25 H CB
3-phase busbars, connection of 1-pole devices with auxiliary, end caps PS-END 3 CB					
3	18	39	0.794	10	PS 3/39/18 H CB
3	25	39	0.974	10	PS 3/39/25 H CB

Accessories

Description	Weight 1 piece kg	Pack unit pc.	Cat. no.
Electric shock-protection cap			
	0.008	10	BSK CB
Feeder terminals with pin contact			
for use with MCB and 1-phase busbar	0.025	25	AST 35/15-2 CB
for use with MCB and 2-/3-phase busbar	0.032	10	AST 35/38-2 CB
for use with E90 and 2-/3-phase busbar	0.032	10	AST 35/38-1 CB
for use with E90 and 1-phase busbar	0.025	25	AST 35/15-1 CB
Single-pole terminal, can be mounted side by side, feed to the busbar pin			
	0.032	50	SZ ESK SP
End caps			
for use with PS 1...CB	0.001	50	PS-END 1 CB
for use with PS 2...CB and PS 3...CB	0.002	50	PS-END 3 CB

S804U-PV55

Ground fault detector interrupter for photovoltaic systems



S804U-PV55

Ordering information

Description	Rated current A	Cat. no.
For GFDI applications	5	S804U-PV55

S803W-SCL-SR

UL short circuit current limiter, self-resetting



S803W-SCL-SR

UL version short circuit current limiter, self-resetting, 3 pole

Description	Cat. no.
32 A self-resetting current limiter	S803W-SCL32-SR
63 A self-resetting current limiter	S803W-SCL63-SR
100 A self-resetting current limiter	S803W-SCL100-SR

EPD24

Electronic protection devices

Electronic protection devices

Rated current I_N A	Weight 1 piece kg	Packing unit	Cat. no.
0.5	0.065	4	EPD24-TB-101-0.5A
1	0.065	4	EPD24-TB-101-1A
2	0.065	4	EPD24-TB-101-2A
3	0.065	4	EPD24-TB-101-3A
4	0.065	4	EPD24-TB-101-4A
6	0.065	4	EPD24-TB-101-6A
8	0.065	4	EPD24-TB-101-8A
10	0.065	4	EPD24-TB-101-10A
12	0.065	4	EPD24-TB-101-12A

Accessories

Description	Weight 1 piece kg	Packing unit	Cat. no.
Busbars for LINE+ and 0 V, grey insulation, length 500 mm ¹	0.20	10	EPD-BB500
Signal bars for auxiliary contacts, grey insulation, length 21 mm	0.04	10	EPD-SB21

¹ Ampacity at one line entry $I_{max} = 50$ A (Recommendation: mid line entry)Ampacity at two line entries $I_{max} = 63$ A

F200 series A type

Technical features



			F200 AC	F200 A
Electrical features	Standards		IEC/EN 61008-1; IEC/EN 61008-2-1, UL 1053 ¹	
	Type (wave form of the earth leakage sensed)		AC	A
	Poles		2P ⁵ , 4P (for 125 A only 4P)	
	Rated current I _n		A	16, 25, 40, 63, 80, 100, 125
	Rated sensitivity IΔn		A	0.01-0.03-0.1-0.3-0.5
	Rated voltage U _e	IEC	V	230/400 - 240/415
		UL/CSA	V	480Y/277 (up to 100 A)
	Insulation voltage U _i		V	500
	Operating voltage of circuit test U _t	IEC	V	In ≤ 100; Right neutral: 110 (170 for 30mA) - 254 ⁵ ; Left neutral: 195 (250 for 30 mA) - 440 ⁵
				In = 125 A; Right neutral: 185 (150 for 30 mA) - 440 (250 for 30 mA) ⁵ ; Left neutral: 195 (250 for 30 mA) - 440
		UL/CSA	V	In ≤ 100; Right neutral: 110 (170 for 30mA) - 277 ⁵ ; Left neutral: 195 (250 for 30 mA) - 480 ^{4,5}
	Rated frequency		Hz	50...60
	Rated conditional short-circuit current I _{nc} =IΔ ³	SCPD - fuse gG 100 A	kA	10 (for 125 A fuse is gG 125 A)
Rated residual breaking capacity IΔm=I _m		kA	1 (1.25 for 125 A)	
Rated impulse withstand voltage (1.2/50) U _{imp}		kV	4	
Dielectric test voltage at ind. freq. for 1 min.		kV	2.5	
Overvoltage category		III, disconnecter abilities		
Surge current resistance (wave 8/20)		A	NA	
Mechanical features	Toggle		blue sealable in ON-OFF position	
	Contact position indicator (CPI)		yes	
	Electrical life		10000 (2000 for 125 A)	
	Mechanical life		20000 (5000 for 125 A)	
	Protection degree	housing	IP4X	
		terminals	IP2X	
	Environmental conditions (damp heat) acc. to IEC/EN 60068-2-30		°C/RH	28 cycles with 55°C/90-96% and 25°C/95-100%
	Ambient temperature (with daily average ≤ +35 °C)	IEC	°C	-25...+55 (-25...+40 for 125 A)
	Storage temperature		°C	-40...+70
Installation	Terminal type		failsafe bi-directional cylinder-lift terminal at top and bottom (shock protected) (cage for I _n > 63 A) ²	
	Terminal size top/bottom for cable	IEC	mm ²	25/25 (35/35 single slot terminal for I _n > 63 A)
		UL/CSA	AWG	18-4 (up to 63 A)
	Terminal size top/bottom for busbar	IEC	mm ²	10/10 (not for I _n = 80-100 A)
		UL/CSA	AWG	18-8 (up to 63 A)
	Tightening torque	IEC	Nm	2.8 (3 for I _n = 125 A)
		UL/CSA	in-lbs.	25 (up to 63 A)
	Tool		Nr. 2 Pozidriv	
	Mounting		on DIN rail EN 60715 (35 mm) by means of fast clip device	
Mounting position		Any		
Connection		from top and bottom		
Withdrawal from busbar		it is possible without using any tools only from the bottom (not for 125 A)		
Dimensions and weight	Dimensions (H x D x W)	2P	mm	85 x 69 x 35
		4P	mm	85 x 69 x 70 (85 x 69.5 x 72 for 125 A)
	Weight	2P	g	200
		4P	g	350 (380 for I _n = 80 and 100 A and 460 for I _n = 125A)
Combination with auxiliary elements	Combinable with:	auxiliary contact	yes (no for 125 A)	
		signal contact/ auxiliary switch	yes	
		shunt trip	yes (no for 125 A)	
		undervoltage release	yes (no for 125 A)	

¹Ground-fault sensing and relaying equipment-component (up to 63 A)

²prior to connection of aluminum conductors (≥ 4 mm²) ensure that their contact points are cleaned, brushed and coated with grease

³for S700-E/K 100A, S750-E 63A, S750DR-E/K 63A and other SCPD coordination values see Chapter 3 of Solutions for electrical distribution in buildings - technical details

⁴F200 left neutral has not the UL certification and the UL mark

⁵Only for versions with marking according to EN 61008-1; EN 61008-2-1

⁶Neutral conductor can be wired anywhere for 2P devices

F200 series A type

Technical features



				F200 A AP-R	F200 A S	F200 A 110V
Electrical features	Standards			IEC/EN 61008-1; IEC/EN 61008-2-1, UL 1053 ¹		IEC 61008-1; IEC 61008-2-1; UL 1053
	Type (wave form of the earth leakage sensed)			A		A
	Poles			2P ⁶ , 4P (for 125 A only 4P)		2P, 4P
	Rated current I _n		A	25, 40, 63, 80, 100, 125	40, 63, 80, 100, 125	25, 40, 63, 80, 100
	Rated sensitivity IΔn		A	0.03	0.1-0.3-0.5-1	0.03
	Rated voltage U _e		IEC	V 0.01-0.03-0.1-0.3-0.5		
			UL/CSA	V 230/400 - 240/415		-
	Insulation voltage U _i			V 500		
	Operating voltage of circuit test U _t		IEC	V In ≤ 100; Right neutral: 110 (170 for 30mA) - 254 ⁵ ; Left neutral: 195 (250 for 30 mA) - 440 ⁵ In = 125 A; Right neutral: 185 (150 for 30 mA) - 440 (250 for 30 mA) ⁵ ; Left neutral: 195 (250 for 30 mA) - 440		110-254
			UL/CSA	V In ≤ 100; Right neutral: 110 (170 for 30mA) - 277 ⁵ ; Left neutral: 195 (250 for 30 mA) - 480 ^{4,5}		
	Rated frequency			Hz 50...60		
	Rated conditional short-circuit current I _{nc} =IΔ ³		SCPD - fuse gG 100 A	kA 10 (for 125 A fuse is gG 125 A)		
	Rated residual breaking capacity IΔm=I _m			kA 1 (1.25 for 125 A)		
	Rated impulse withstand voltage (1.2/50) U _{imp}			kV 4		
	Dielectric test voltage at ind. freq. for 1 min.			kV 2.5		
Overvoltage category			III, disconnecter abilities			
Surge current resistance (wave 8/20)		A	3000	5000	NA	
Mechanical features	Toggle			blue sealable in ON-OFF position		
	Contact position indicator (CPI)			yes		
	Electrical life			10000 (2000 for 125 A)		10000
	Mechanical life			20000 (5000 for 125 A)		20000
	Protection degree		housing	IP4X		
			terminals	IP2X		
	Environmental conditions (damp heat) acc. to IEC/EN 60068-2-30			°C/RH 28 cycles with 55°C/90-96% and 25°C/95-100%		
	Ambient temperature (with daily average ≤ +35 °C)		IEC	°C -25...+55 (-25...+40 for 125 A)		-25...+55
Storage temperature			°C -40...+70			
Installation	Terminal type			failsafe bi-directional cylinder-lift terminal at top and bottom (shock protected) (cage for I _n > 63 A) ²		
	Terminal size top/bottom for cable		IEC	mm ² 25/25 (35/35 single slot terminal for I _n > 63 A)		
			UL/CSA	AWG 18-4 (up to 63 A)		-
	Terminal size top/bottom for busbar		IEC	mm ² 10/10 (not for I _n = 80-100 A)		
			UL/CSA	AWG 18-8 (up to 63 A)		-
	Tightening torque		IEC	Nm 2.8 (3 for I _n = 125 A)		2.8
			UL/CSA	in-lbs. 25 (up to 63 A)		-
	Tool			Nr. 2 Pozidriv		
	Mounting			on DIN rail EN 60715 (35 mm) by means of fast clip device		
	Mounting position			Any		
Connection			from top and bottom			
Withdrawal from busbar			it is possible without using any tools only from the bottom (not for 125 A)			
Dimensions and weight	Dimensions (H x D x W)		2P	mm 85 x 69 x 35		
			4P	mm 85 x 69 x 70 (85 x 69.5 x 72 for 125 A)		
	Weight		2P	g 200		
			4P	g 350 (380 for I _n = 80 and 100 A and 460 for I _n = 125A)		
Combination with auxiliary elements	Combinable with:		auxiliary contact	yes (no for 125 A)		
			signal contact/auxiliary switch	yes		
			shunt trip	yes (no for 125 A)		
			undervoltage release	yes (no for 125 A)		

¹Ground-fault sensing and relaying equipment-component (up to 63 A)

²prior to connection of aluminum conductors (≥ 4 mm²) ensure that their contact points are cleaned, brushed and coated with grease

³for S700-E/K 100A, S750-E 63A, S750DR-E/K 63A and other SCPD coordination values see Chapter 3 of Solutions for electrical distribution in buildings - technical details

⁴F200 left neutral has not the UL certification and the UL mark

⁵Only for versions with marking according to EN 61008-1; EN 61008-2-1

⁶Neutral conductor can be wired anywhere for 2P device

F200 series A type

30 mA sensitivity



F202 110V

Number of poles	Rated residual current $I_{\Delta n}$ mA	Rated current	Order details	Weight 1 piece	Pack unit
		In A	Type code	kg	pc.
2	30	25	F202 A-25/0.03 110V	0.225	1/6
		40	F202 A-40/0.03 110V	0.225	1/6
		63	F202 A-63/0.03 110V	0.225	1/6
		80	F202 A-80/0.03 110V	0.225	1/6
		100	F202 A-100/0.03 110V	0.225	1/6



F204 110V

Number of poles	Rated residual current $I_{\Delta n}$ mA	Rated current	Order details	Weight 1 piece	Pack unit
		In A	Type code	kg	pc.
4	30	25	F204 A-25/0.03 110V	0.375	1/3
		40	F204 A-40/0.03 110V	0.375	1/3
		63	F204 A-63/0.03 110V	0.375	1/3
		80	F204 A-80/0.03 110V	0.405	1/3
		100	F204 A-100/0.03 110V	0.405	1/3

F200 series A type



F202

F 200 A type

Number of poles	Rated residual current I _{Δn} mA	Rated current	Order details	Weight 1 piece	Pack unit	
		In A	Type code	kg	pc.	
2	10	16	F202 A-16/0.01	0.225	1/6	
		25	F202 A-25/0.1	0.225	1/6	
	100	40	F202 A-40/0.1	0.225	1/6	
		63	F202 A-63/0.1	0.225	1/6	
		80	F202 A-80/0.1	0.225	1/6	
		100	F202 A-100/0.1	0.225	1/6	
	300	25	F202 A-25/0.3	0.225	1/6	
		40	F202 A-40/0.3	0.225	1/6	
		63	F202 A-63/0.3	0.225	1/6	
		80	F202 A-80/0.3	0.225	1/6	
	500	100	F202 A-100/0.3	0.225	1/6	
		25	F202 A-25/0.5	0.225	1/6	
		40	F202 A-40/0.5	0.225	1/6	
		63	F202 A-63/0.5	0.225	1/6	
			80	F202 A-80/0.5	0.225	1/6
			100	F202 A-100/0.5	0.225	1/6

F200 series A type



F204



F204 125 A

Number of poles	Rated residual current $I_{\Delta n}$ mA	Rated current	Order details	Weight 1 piece	Pack unit
		In A	Type code	kg	pc.
4	100	25	F204 A-25/0.1	0.375	1/3
		40	F204 A-40/0.1	0.375	1/3
		63	F204 A-63/0.1	0.375	1/3
		80	F204 A-80/0.1	0.405	1/3
		100	F204 A-100/0.1	0.405	1/3
	300	25	F204 A-25/0.3	0.375	1/3
		40	F204 A-40/0.3	0.375	1/3
		63	F204 A-63/0.3	0.375	1/3
		80	F204 A-80/0.3	0.405	1/3
		100	F204 A-100/0.3	0.405	1/3
	500	25	F204 A-25/0.5	0.375	1/3
		40	F204 A-40/0.5	0.375	1/3
		63	F204 A-63/0.5	0.375	1/3
		80	F204 A-80/0.5	0.405	1/3
		100	F204 A-100/0.5	0.405	1/3

F200 series A type

AP-R



F202

F 200 AP-R, A type

Short-term delayed tripping. Pulse-current resistant up to 3000 A. Short-term delay 10 ms.

Number of poles	Rated residual current $I_{\Delta n}$ mA	Rated current	Order details	Weight 1 piece	Pack unit
		In A	Type code	kg	pc.
2	30	25	F202 A-25/0.03 AP-R	0.225	1/6
		40	F202 A-40/0.03 AP-R	0.225	1/6
		63	F202 A-63/0.03 AP-R	0.225	1/6
		80	F202 A-80/0.03 AP-R	0.225	1/6
		100	F202 A-100/0.03 AP-R	0.225	1/6



F204

Number of poles	Rated residual current $I_{\Delta n}$ mA	Rated current	Order details	Weight 1 piece	Pack unit
		In A	Type code	kg	pc.
4	30	25	F204 A-25/0.03 AP-R	0.375	1/3
		40	F204 A-40/0.03 AP-R	0.375	1/3
		63	F204 A-63/0.03 AP-R	0.375	1/3
		80	F204 A-80/0.03 AP-R	0.405	1/3
		100	F204 A-100/0.03 AP-R	0.405	1/3

F200 series A type

Selective



F202

F 200 A selective type

Number of poles	Rated residual current I Δ n mA	Rated current	Order details	Weight 1 piece	Pack unit
		In A	Type code	kg	pc.
2	100	40	F202 A S-40/0.1	0.225	1/6
		63	F202 A S-63/0.1	0.225	1/6
		100	F202 A S-100/0.1	0.225	1/6
	300	40	F202 A S-40/0.3	0.225	1/6
		63	F202 A S-63/0.3	0.225	1/6
		100	F202 A S-100/0.3	0.225	1/6
	500	40	F202 A S-40/0.5	0.225	1/6
		63	F202 A S-63/0.5	0.225	1/6
		100	F202 A S-100/0.5	0.225	1/6



F204

Number of poles	Rated residual current I Δ n mA	Rated current	Order details	Weight 1 piece	Pack unit
		In A	Type code	kg	pc.
4	100	40	F204 A S-40/0.1	0.375	1/3
		63	F204 A S-63/0.1	0.375	1/3
		100	F204 A S-100/0.1	0.405	1/3
	300	40	F204 A S-40/0.3	0.375	1/3
		63	F204 A S-63/0.3	0.375	1/3
		100	F204 A S-100/0.3	0.405	1/3
	500	125	F204 A S-125/0.3	0.500	1
		40	F204 A S-40/0.5	0.375	1/3
		63	F204 A S-63/0.5	0.375	1/3
	500	100	F204 A S-100/0.5	0.405	1/3
		125	F204 A S-125/0.5	0.500	1

DS201UL RCBO

Technical features

		Standards	UL 1053, UL 1077, IEC 61009-1, IEC 61009-2-1	
Electrical features	Type (wave form of the earth leakage sensed)	–	A	
	Number of poles	–	1P + N	
	Rated current I_n	A	$6 \leq I_n \leq 40$	
	Rated sensitivity $I_{\Delta n}$	A	0.03	
	Rated voltage U_e	V	230-240	
	Insulation voltage U_i	V	500 V AC	
	Overvoltage category	–	III	
	Pollution degree	–	2	
	Operating voltage of circuit test U_t	V	110 – 277	
	Rated frequency	Hz	50/60	
	Rated breaking capacity acc. to To UL 1053, IEC 61009-1, IEC 61009-2-1	I_{cn}	A	6 000
	Rated breaking capacity acc. to IEC 60947-2	ultimate I_{cu}	kA	10
		service I_{cs}	kA	7.5
	Rated residual breaking capacity $I_{\Delta m}$ according to IEC 61009-1	$I_{\Delta m}$	A	6 000
	Rated impulse withstand voltage (1.2/50) U_{imp}		kV	4 kV
	Dielectric test voltage at ind. freq. for 1 min.		kV	2 kV (50 / 60Hz, 1 min.)
	Thermomagnetic release - characteristic	B: $3 I_n \leq I_n \leq 5 I_n$	–	■
C: $5 I_n \leq I_n \leq 10 I_n$		–	■	
K: $10 I_n < I_n >= 14 I_n$		–	■	
Rated residual breaking capacity $I_{\Delta m}$		A	6 000	
Surge current resistance (wave 8/20 μ s)		–	NA	
Mechanical features	Housing	–	Insulation group I - II, RAL 7035	
	Toggle	–	Insulation group II, Black RAL 9005, sealable in ON-OFF positions	
	Contact position indication	–	Green/Red Window	
	Earth fault trip indication	–	Blue flag on toggle	
	Electrical life		operations	10000
	Mechanical life		operations	20000
	Protection degree acc. to EN 60529	housing	–	IP4X
		terminals	–	IP2X
	Shock resistance acc. to IEC/EN 60068-2-27			25g - 2 shocks - 13ms
	Vibration resistance acc. to IEC/EN 60068-2-6		–	0.1 mm or 1 g - 20 cycles at 5...150...5 Hz
	Environmental conditions (damp heat) acc. to IEC/EN 60068-2-30		°C / RH	28 cycles with 55°C/90-96% and 25°C/95-100%
	Reference temperature for setting of thermal element		°C / °F	30 / 86
	Ambient temperature (with daily average $\leq +35$ °C)		°C / °F	-25...+55 / -13...+131
	Storage temperature		°C / °F	-40...+70 / -40...+158
Installation	Terminal type	top / bottom	–	Failsafe bi-directional cylinder-lift terminal (shock protected)
	Terminal size for solid cables	top / bottom	mm ² / AWG	25/25 / 10/10
	Terminal size for stranded cables	top / bottom	mm ² / AWG	16/16 / 6/6
	These terminals are not suitable for copper compact stranded conductors			
	Terminal size for busbars	top / bottom	mm ² / AWG	10/8
	Tightening torque	top / bottom	Nm / in.lb	2.8 / 24.5
	Stripping length of the cable		mm / in	12 / 0.5
	Mounting		–	on DIN rail EN 60715 (35mm) by means of mounting clip
Mounting position		–	Any	
Supply from		–	Top/Bottom terminals	
Dimensions and weight	Dimensions (H x D x W)		mm / in	85 x 69 x 35 / 3.34 x 2.71 x 1.37
	Weight		g / lb	200 / 0.44
Combination with auxiliary elements	Combinable with accessories and auxiliaries	Auxiliary contact	–	yes
		Signal contact / auxiliary contact	–	yes
		Shunt trip	–	yes
		Auxiliary contact for bottom fitting	–	yes
		Undervoltage release	–	yes
		Overvoltage release	–	yes
Motor operating device	–	yes		

N.B The combination is mechanically compatible with but no UL approved.

DS201UL RCBO

DS201 UL $\boxed{6000}$ A $\boxed{\Delta n}$ type, B characteristic

Function: protection of end user single-phase circuits against overload and short-circuit currents; protection against the effects of sinusoidal alternating and direct pulsating earth fault currents; protection against indirect contact and additional protection against direct contact ($I\Delta n=30$ mA).

This particular series of devices is UL & CSA approved and is a supplementary protector.

Application: residential, commercial, industrial.

Standard: UL 1053 & 1077, CSA C22.2 NO. 144, CSA C22.2 NO. 235



DS201 UL

No. of poles	Rated residual current $I\Delta n$ mA	Rated current	Bbn 8012542	Order details		Price 1 piece	Weight 1 piece kg	Pack unit pc.
		In A	EAN	Type code	Order code			
1+N	30	6	577614	DS201 B6 A30 UL	2CSR255187R1065	-	0.2	1
		10	565819	DS201 B10 A30 UL	2CSR255187R1105	-	0.2	1
		13	590712	DS201 B13 A30 UL	2CSR255187R1135	-	0.2	1
		16	578918	DS201 B16 A30 UL	2CSR255187R1165	-	0.2	1
		20	567170	DS201 B20 A30 UL	2CSR255187R1205	-	0.2	1
		30	576617	DS201 B30 A30 UL	2CSR255187R1305	-	0.2	1
		32	564812	DS201 B32 A30 UL	2CSR255187R1325	-	0.2	1
		35	588313	DS201 B35 A30 UL	2CSR255187R1355	-	0.2	1
		40	576518	DS201 B40 A30 UL	2CSR255187R1405	-	0.2	1

DS201 UL $\boxed{6000}$ A $\boxed{\Delta n}$ type, C characteristic

Function: protection of end user single-phase circuits against overload and short-circuit currents; protection against the effects of sinusoidal alternating and direct pulsating earth fault currents; protection against indirect contact and additional protection against direct contact ($I\Delta n=30$ mA).

This particular series of devices is UL & CSA approved and is a supplementary protector.

Application: residential, commercial, industrial.

Standard: UL 1053 & 1077, CSA C22.2 NO. 144, CSA C22.2 NO. 235



DS201 UL

No. of poles	Rated residual current $I\Delta n$ mA	Rated current	Bbn 8012542	Order details		Price 1 piece	Weight 1 piece kg	Pack unit pc.
		In A	EAN	Type code	Order code			
1+N	30	6	588511	DS201 C6 A30 UL	2CSR255187R1064	-	0.2	1
		10	576716	DS201 C10 A30 UL	2CSR255187R1104	-	0.2	1
		13	564911	DS201 C13 A30 UL	2CSR255187R1134	-	0.2	1
		16	589518	DS201 C16 A30 UL	2CSR255187R1164	-	0.2	1
		20	577713	DS201 C20 A30 UL	2CSR255187R1204	-	0.2	1
		30	590811	DS201 C30 A30 UL	2CSR255187R1304	-	0.2	1
		32	579014	DS201 C32 A30 UL	2CSR255187R1324	-	0.2	1
		35	567219	DS201 C35 A30 UL	2CSR255187R1354	-	0.2	1
		40	589419	DS201 C40 A30 UL	2CSR255187R1404	-	0.2	1

DS201UL RCBO

DS201 UL 6000 A type, K characteristic

Function: protection of end user single-phase circuits against overload and short-circuit currents; protection against the effects of sinusoidal alternating and direct pulsating earth fault currents; protection against indirect contact and additional protection against direct contact ($I\Delta n=30$ mA).

This particular series of devices is UL & CSA approved and is a supplementary protector.

Application: residential, commercial, industrial.

Standard: UL 1053 & 1077, CSA C22.2 NO. 144, CSA C22.2 NO. 235



DS201 UL

No. of poles	Rated residual current $I\Delta n$ mA	Rated current I_n A	Bbn 8012542 EAN	Order details		Price 1 piece	Weight 1 piece kg	Pack unit pc.
				Type code	Order code			
1+N	30	10	564713	DS201 K10 A30 UL	2CSR255187R1107	-	0.2	1
		13	589310	DS201 K13 A30 UL	2CSR255187R1137	-	0.2	1
		16	577515	DS201 K16 A30 UL	2CSR255187R1167	-	0.2	1
		20	565710	DS201 k20 A30 UL	2CSR255187R1207	-	0.2	1

E90 fuse holders

Technical features

Type		E 90/32	E 90/32 PV 1000 V	E 90/32 PV 1500 V
Rated current	[A]	32	32	30
Rated voltage	[V]	690	1000	1500 V DC
Type of current		AC/DC	DC	DC
Fuse		10.3 x 38	10.3 x 38	10x30
Rated frequency	[Hz]	50 - 60	–	6
Tightening torque	[Nm]	PZ2 2 - 2.5	PZ2 2 - 2.5	PZ2 18-22 lb-in
Protection degree		IP20	IP20	IP20
Terminals section	[mm ²]	25	25	–
Cross section rigid copper conductors	[AWG]	16÷10	not forseen	1 wire: 16-10 AWG
Cross section stranded copper conductors	[AWG]	16÷3	8÷3	1 wire: 0.75 -25 (18-4 AWG) 2 wires: 18-6 AWG
Cable temperature	[°C]		[°C] CU 60, 75, 90	max 90 (acc. UL)
Padlockable (when open)		•	•	
Sealable (when closed)		•	•	

Reference Standard	E 90/32	E 90/32 PV 1000 V	E 90/32 PV 1500 V
UL 4248-1	•		
UL 4248-4			
UL 4248-8			
UL 4248-18		•	•

Approvals	E 90/32	E 90/32 PV 1000 V	E 90/32 PV 1500 V
cULus			
UL		•	•
cURus	•		
CSA			

**** IP20 also as standalone device installed on DIN rail, with respect to cables with a cross-section area $\geq 10 \text{ mm}^2$

E90 fuse holders

Technical features

Type		E 90/50	E 90/125	E 90/30 CC	E 90/30 J	E 90/60 J
Rated current	[A]	50	125	30	30	360
Rated voltage	[V]	800	800	600	600	600
Type of current		AC/DC	AC/DC	AC/DC	AC/DC	AC/DC
Fuse		14 x 51	22 x 58	Class CC 10.4 x 38	Class J 21 x 57	Class J 27 x 60
Rated frequency	[Hz]	50 - 60	50 - 60	60	60	60
Tightening torque	[Nm]	PZ2 3 - 3.5	PZ2 3.5 - 4	PZ2 2 - 2.5	PZ2 3.5 - 4	PZ2 3.5 - 4
Protection degree		IP20 ****	IP20 ****	IP20	n.a.	n.a.
Terminals section	[mm ²]	35	50	25	50	50
Cross section rigid copper conductors	[AWG]	14÷10	14÷10	16÷10	14÷10	14÷10
Cross section stranded copper conductors	[AWG]	14÷2	14÷1	16÷3	14÷1	14÷1
Cable temperature	[°C]					
Padlockable (when open)		•	•	•	•	•
Sealable (when closed)		•	•	•	•	•

Reference Standard	E 90/50	E 90/125	E 90/30 CC	E 90/30 J	E 90/60 J
UL 4248-1	•	•	•	•	•
UL 4248-4			•		
UL 4248-8				•	•
UL 4248-18					

Approvals	E 90/50	E 90/125	E 90/30 CC	E 90/30 J	E 90/60 J
cULus			•	•	•
UL					
cURus	•	•			
CSA			•	•	•

**** IP20 also as standalone device installed on DIN rail

E90 fuse holders



E 92

E 90 fuse holders

E 90 series fuse holders are designed for providing protection against short circuits and overloads. The housing is made of self-extinguishing thermoplastic material resistant to high temperatures (all materials are UL listed) while the contact clips are in silver plated copper.

E 90 fuse holders can be sealed or padlocked to ensure operator safety during maintenance. Versions with blown fuse indicator allow to check whether the fuse is still working correctly or not. For easy and quick installation E 90 range is totally compatible with our UL 508 busbars.

Thanks to cURus approval, they can be installed in UL certified machines.

E 90 fuse switch disconnectors for 10.3 x 38 mm fuses (AC-22B)

Poles	Rated current	Modules	Bbn 8012542	Order details	Weight 1 piece	Pack unit
	In		EAN	Type code	kg	pc.
1	32	1	009238	E 91/32	0.061	6
1	32	1	024835	E 91/32s	0.062	6
1+N	32	2	008934	E 91N/32	0.130	3
1+N	32	2	515036	E 91N/32s	0.132	3
2	32	2	008835	E 92/32	0.122	3
2	32	2	514930	E 92/32s	0.132	3
3	32	3	047537	E 93/32	0.183	2
3	32	3	020639	E 93/32s	0.184	2
3+N	32	4	047339	E 93N/32	0.252	1
3+N	32	4	514831	E 93N/32s	0.255	1
4	32	4	047230	E 94/32	0.244	1
4	32	4	020530	E 94/32s	0.248	1

s: version with blown fuse indicator light



E 94

E90 fuse holders

PV 1000 V



E 90 PV

E 90 PV fuse holders

E 90 PV series fuse holders, designed for operating voltages of 1000 V DC with utilization category DC-20B, are particularly suited for protection against overcurrents of photovoltaic systems. The single-pole or two-pole E 90 PV disconnectors for 10.3 x 38 mm cylindrical fuse links offer a reliable, compact and affordable solution for photovoltaic installations. Versions with blown fuse indicator allow to check whether the fuse is still working correctly or not.

E 90 PV fuse disconnectors for 10.3 x 38 mm fuses (DC-20B)

Poles	Rated current	Modules	Bbn 8012542	Order details	Weight 1 piece	Pack unit
	In		EAN	Type code	kg	pc.
1	32	1	047131	E 91/32 PV	0.061	6
1	32	1	046936	E 91/32s PV	0.062	6
2	32	2	047032	E 92/32 PV	0.122	3
2	32	2	569138	E 92/32s PV	0.233	3

s: version with blown fuse indicator light

E90 fuse holders

PV 1500



E 90 PV 1500

E 90 PV fuse holder

The E 90 PV 1500 series of fuse holders has been designed for applications up to 1500 V DC. Thanks to their rated voltage up to 1500 V DC they are the ideal solution for protecting cells and inverters. In case of maintenance, they ensure isolation of circuits and strings up to 1500 V in direct current, in total safety. The main features of E 90 PV 1500 fuse holders include venting grooves and cooling chambers which improved heat dissipation.

E 90 PV fuse holder for 10 × 85 mm and 10/14 × 85 mm fuses

Poles	Rated current	Modules	Bbn 8012542	Order details	Weight 1 piece	Pack unit
	In		EAN	Type code	kg	pc.
1	32	22.5	020417	E91/32 PV1500e	0.080	5
1	32	22.5	743613	E91/32 PV1500e	0.080	60

E90 fuse holders

50/125



E 90 50/125

90 50/125 fuse holders

The E 90 50/125 fuse holders range is specifically intended for industrial circuit protection when currents are from 50 A to 125 A. They can, respectively, carry any type of cylindrical fuses 14x51 and 22x58 mm. The E 90 50/125 fuse holders can be sealed or padlocked in open position to ensure operator safety during maintenance operations. Versions with blown fuse indicator (LED) allow checking whether the fuse is still working correctly or not.

E 90/50 fuse holders for 14 x 51 mm fuses (AC-20B)

Poles	Rated current	Modules	Bbn	Order details	Weight	Pack unit
	In		8012542		1 piece	
			EAN	Type code	kg	pc.
1	50	1.5	790228	E 91/50	0.095	4
1	50	1.5	372028	E 91/50s	0.095	4
1+N	50	3	779827	E 91N/50	0.19	2
1+N	50	3	023920	E 91N/50s	0.19	2
2	50	3	779728	E 92/50	0.19	2
2	50	3	070320	E 92/50s	0.19	2
3	50	4.5	779629	E 93/50	0.285	1
3	50	4.5	574828	E 93/50s	0.285	1
3+N	50	6	779520	E 93N/50	0.38	1
3+N	50	6	563020	E 93N/50s	0.38	1

E 90/125 fuse holders for 22 x 58 mm fuses (AC-20B)

Poles	Rated current	Modules	Bbn	Order details	Weight	Pack unit
	In		8012542		1 piece	
			EAN	Type code	kg	pc.
1	100	2	775720	E 91/125	0.135	4
1	100	2	896326	E 91/125s	0.135	4
1+N	100	4	773528	E 91N/125	0.27	2
1+N	100	4	049425	E 91N/125s	0.27	2
2	100	4	771326	E 92/125	0.27	2
2	100	4	049326	E 92/125s	0.27	2
3	100	6	775027	E 93/125	0.405	1
3	100	6	049227	E 93/125s	0.405	1
3+N	100	8	965329	E 93N/125	0.54	1
3+N	100	8	049128	E 93N/125s	0.54	1

s: version with blown fuse indicator light

E90 fuse holders

For class CC cartridge fuses



E 91



E 93

Technical features

Type		E 90/30 CC
Rated voltage	[V]	600
Rated current	[A]	30
Type of current		AC/DC
Rated frequency	[Hz]	60
Fuse		class CC
Tightening torque	[Nm]	PZ2 2-2.5*
	[lb-in]	PZ2 18-22**
Terminals cross-section	[mm ²]	25
Cross-section rigid copper conductors	1 wire	1.5-25 mm ² (16-10 AWG)
	2 wires	5 mm ² (10 AWG)
Cross-section stranded copper conductors	1 wire	1.5-16 mm ² (16-3 AWG)
	2 wires	2-5 mm ² (14-10 AWG)
Voltage range for LED indicator light (only s version)	[V]	24 - 1000 AC/DC
Can be sealed closed		■
Can be padlocked open		■

* PZ2 2.8 Nm in case of rigid copper conductors, 2 wires

** PZ2 24,5 lb-in in case of rigid copper conductors, 2 wires

The E 90 fuse holders for Class CC cylindrical fuse links are specifically designed for the North American market in compliance with the UL standards. In accordance with the reference standards UL 4248-1 and UL 4248-4, they come in voltage and current ratings up to 600V and 30A. They are available in 1P, 1P+N, 2P, 3P, 3P+N and 4P versions. They can be padlocked open and sealed closed.

The E 90 fuse holders are the ideal solution for process control and industrial systems, automation systems, industrial installations and control circuits. The versions with blown fuse indicator light provide a visual signal of the fuse break condition

E 90 for class CC cartridge fuses

Poles	Rated current	Modules	Bbn 8012542	Order details	Weight 1 piece	Pack unit
	In		EAN	Type code	kg	pc.
1	30	1	998723	E 91/30 CC	0.061	6
1	30	1	998822	E 91/30s CC	0.062	6
1+N	30	2	998921	E 91N/30 CC	0.13	3
1+N	30	2	999027	E 91N/30s CC	0.13	3
2	30	2	999126	E 92/30 CC	0.122	3
2	30	2	999225	E 92/30s CC	0.122	3
3	30	3	999324	E 93/30 CC	0.183	2
3	30	3	999423	E 93/30s CC	0.183	2
3+N	30	4	999522	E 93N/30 CC	0.252	1
3+N	30	4	999621	E 93N/30s CC	0.252	1
4	30	4	999720	E 94/30 CC	0.244	1
4	30	4	999829	E 94/30s CC	0.244	1

s: version with blown fuse indicator light

E90 fuse holders

For Class J fuses



E 90 Class J

Technical features

Type		E 90/30 J	E 90/60 J
Rated current	[A]	30	60
Rated voltage	[V]	600	
Type of current		AC/DC	
Fuse		Class J 1-30A	Class J 31-60A
Rated frequency	[Hz]	60	
Tightening torque	[Nm]	PZ2 3.5-4	
Terminals cross-section	[mm ²]	50	
Cross-section rigid copper conductors	[AWG]	14-10	
Cross-section stranded copper conductors	[AWG]	14-8	
Can be sealed closed		■	
Can be padlocked open		■	

E 90 Class J

The E 90 Class J fuse holders are the ideal solution for industrial systems, industrial installations and control circuits. They are specifically designed for the North American market in compliance with the UL standards. In accordance with the reference standard UL 4248-8, they come in voltage and current ratings up to 600V and 30/60A. They are available in 1P, 2P and 3P versions. The versions with blown fuse indicator light provide a visual signal of the fuse break condition. They can be padlocked open and sealed closed to ensure operator safety during maintenance operations.

E 90/30 fuse holders for Class J fuses

Poles	Rated current	Modules	Bbn 8012542	Order details	Weight 1 piece	Pack unit
	In		EAN	Type code	kg	pc.
1	30	2	048220	E 91/30 J	0.135	4
2	30	4	048121	E 92/30 J	0.27	2
3	30	6	048022	E 93/30 J	0.405	1
1	30	2	047926	E 91/30s J	0.135	4
2	30	4	047827	E 92/30s J	0.27	2
3	30	6	047728	E 93/30s J	0.405	1

E 90/60 fuse holders for Class J fuses

Poles	Rated current	Modules	Bbn 8012542	Order details	Weight 1 piece	Pack unit
	In		EAN	Type code	kg	pc.
1	60	2.5	047629	E 91/60 J	0.175	3
2	60	5	049821	E 92/60 J	0.35	1
3	60	7.5	049722	E 93/60 J	0.525	1
1	60	2.5	049623	E 91/60s J	0.175	3
2	60	5	049524	E 92/60s J	0.35	1
3	60	7.5	738824	E 93/60s J	0.525	1

s: version with blown fuse indicator light

E90 fuse holders

9F PV cylindrical fuses



E 9F PV

Type		E9F PV	E9F PV 1500
Reference standards	-	IEC 60269-6; ROHS 2002/98/CE, UL	IEC 60269-6; ROHS 2002/98/CE, UL
Rated current	[A]	1...30	4...32
Rated operational voltage	[V]	1000 DC	1500 DC
Breaking capacity	[kA]	10	50
Overall dimensions	[mm]	10.3 x 38	10 x 85

E 9F PV cylindrical fuses for photovoltaic applications

The E9F PV series of cylindrical fuses has been specifically designed for protecting direct current circuits up to 1500 V DC. Those fuses are the best way to protect the strings, inverters and surge arresters in photovoltaic installations.

The range of E9F PV fuses is available in the 10.3 x 38 mm size for up to 30 A rated current values at a nominal voltage of 1000 V DC or in the 10x85 mm size up to 32 A rated current at a nominal voltage of 1500 V DC.

E 9F PV cylindrical fuses 10.3 x 38 mm

Rated current	Bbn 8012542	Order details	Weight 1 piece	Pack unit
In	EAN	Type code	kg	pc.
1 A	134568	E 9F1 PV	0.007	10
2 A	134667	E 9F2 PV	0.007	10
3 A	134766	E 9F3 PV	0.007	10
4 A	134865	E 9F4 PV	0.007	10
5 A	134964	E 9F5 PV	0.007	10
6 A	135060	E 9F6 PV	0.007	10
7 A	135169	E 9F7 PV	0.007	10
8 A	135268	E 9F8 PV	0.007	10
10 A	135367	E 9F10 PV	0.007	10
12 A	135466	E 9F12 PV	0.007	10
15 A	135565	E 9F15 PV	0.007	10
20 A	135664	E 9F20 PV	0.007	10
25 A	135763	E 9F25 PV	0.007	10
30 A	135862	E 9F30 PV	0.007	10

E9F PV cylindrical fuses 10 x 85 mm

Rated current	Bbn 8012542	Order details	Weight 1 piece	Pack unit
In	EAN	Type code	kg	pc.
4 A	339410	E9F4 PV1500	0.010	5
5 A	052852	E9F5 PV1500	0.010	5
6 A	052951	E9F6 PV1500	0.010	5
7 A	053057	E9F7 PV1500	0.010	5
8 A	053156	E9F8 PV1500	0.010	5
10 A	053255	E9F10 PV1500	0.010	5
12 A	053354	E9F12 PV1500	0.010	5
15 A	053453	E9F15 PV1500	0.010	5
20 A	068754	E9F20 PV1500	0.010	5
25 A	068952	E9F25 PV1500	0.010	5
30 A	069058	E9F30 PV1500	0.010	5
32 A	069256	E9F32 PV1500	0.010	5