

SECTION 1

Miniature Circuit Breakers and Din Rail Components

System Pro M Compact®

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Miniature Switch Disconnectors

1.1 E200/SHD200 Series

Miniature Disconnectors E200/SHD200 Switches

Function: Suitable for under-load operations and equipped with lockable control lever in both positions. Each switch-disconnector must be protected on the supply side by a co-ordinated device which safeguards it against short-circuits.

Application: Commercial and industrial.



E201 / SHD201 Single Pole Isolators Din Rail Mount (230 VAC) (1NO)

Type	Order Code	No. of Poles (17.5 mm)	Rated Current (A)	Rated kA 230V VAC (Icw)	Weight 1 pc/kg	Units Per Pack
SHD201/25	2CDD27111R0025	1	25	10	0.075	10
SHD201/40	2CDD27111R0040	1	40	10	0.075	10
SHD201/63	2CDD27111R0063	1	63	10	0.075	10
E201/80 r *	2CDE281001R0080	1	80	25	0.095	10
E201/100 r *	2CDE281001R0100	1	100	25	0.095	10
E201/125 r *	2CDE281001R0125	1	125	6	0.095	10



E202 / SHD202 Double Pole Isolators Din Rail Mount (415 VAC) (2NO)

Type	Order Code	No. of Poles (35 mm)	Rated Current (A)	Rated kA 415V VAC (Icw)	Weight 1 pc/kg	Units Per Pack
SHD202/25	2CDD27211R0025	2	25	10	0.150	5
SHD202/40	2CDD27211R0040	2	40	10	0.150	5
SHD202/63	2CDD27211R0063	2	63	10	0.150	5
E202/80 r *	2CDE282001R0080	2	80	25	0.190	5
E202/100 r *	2CDE282001R0100	2	100	25	0.190	5
E202/125 r *	2CDE282001R0125	2	125	6	0.190	5



E203 / SHD203 Triple Pole Isolators Din Rail Mount (415 VAC) (3NO)

Type	Order Code	No. of Poles (52.5 mm)	Rated Current (A)	Rated kA 415V VAC (Icw)	Weight 1 pc/kg	Units Per Pack
SHD203/25	2CDD27311R0025	3	25	10	0.225	1
SHD203/40	2CDD27311R0040	3	40	10	0.225	1
SHD203/63	2CDD27311R0063	3	63	10	0.225	1
E203/80 r *	2CDE283001R0080	3	80	25	0.290	1
E203/100 r *	2CDE283001R0100	3	100	25	0.290	1
E203/125 r *	2CDE283001R0125	3	125	6	0.330	1



E204 / SHD204 Four Pole Isolators Din Rail Mount (415 VAC) (4NO)

Type	Order Code	No. of Poles (70 mm)	Rated Current (A)	Rated kA 415V VAC (Icw)	Weight 1 pc/kg	Units Per Pack
SHD204/25	2CDD27411R0025	4	25	10	0.300	1
SHD204/40	2CDD27411R0040	4	40	10	0.300	1
SHD204/63	2CDD27411R0063	4	63	10	0.300	1
E204/80 r *	2CDE284001R0080	4	80	25	0.390	1
E204/100 r *	2CDE284001R0100	4	100	25	0.390	1
E204/125 r *	2CDE284001R0125	4	125	6	0.440	1

* Possible to fit S2C – HGR

Din Rail Fuse Holders

1.2 E90 Series

Protection Devices E90h Fuse Holders

Function: To protect against overloads and short-circuits. They are designed to be use with cylindrical fuses of 32A, 50A and 125A.

Application: Commercial and industrial.



E90h Single Pole and Neutral Fuse Holders (IP 20)

Type	Order Code	No. of Poles	No. of Modules	Rated Current (A)	Rated Voltage (V)	Fuse Size (mm)	Units Per Pack
E91hN/32	2CSM200913R1801	2	1	32	690	10 x 38	6



E90h Triple Pole and Neutral Fuse Holders (IP 20)

Type	Order Code	No. of Poles	No. of Modules	Rated Current (A)	Rated Voltage (V)	Fuse Size (mm)	Units Per Pack
E93hN/32	2CSM204743R1801	4	3	32	690	10 x 38	2

Protection Devices E90 and E930 Fuse Disconnectors

Function: To protect against overloads and short-circuits. They are designed to be use with cylindrical fuses of 32, 50 and 125A fuses.

Application: Commercial and industrial.



E91/E931 Single Pole Fuse Disconnectors (IP 20)

Type	Order Code	No. of Poles	No. of Modules	Rated Current (A)	Rated Voltage (V)	Fuse Size (mm)	Units Per Pack
E91/32	2CSM200923R1801	1	1	32	690	10 x 38	6
E91/50	2CSM279022R1801	1	1.5	50	690	14 x 51	4
E91/125	2CSM277572R1801	1	2	100	690	22 x 58	4



E93/E933 Triple Pole Fuse Disconnectors (IP 20)

Type	Order Code	No. of Poles	No. of Modules	Rated Current (A)	Rated Voltage (V)	Fuse Size (mm)	Units Per Pack
E93/32	2CSM204753R1801	3	3	32	690	10 x 38	2
E93/50	2CSM277962R1801	3	4.5	50	690	14 x 51	1
E93/125	2CSM277502R1801	3	6	100	690	22 x 58	1



E91/E931 Single Pole and Neutral Fuse Disconnectors (IP 20)

Type	Order Code	No. of Poles	No. of Modules	Rated Current (A)	Rated Voltage (V)	Fuse Size (mm)	Units Per Pack
E91N/32	2CSM200893R1801	1+N	2	32	690	10 x 38	3
E91N/50	2CSM277982R1801	1+N	3	50	690	14 x 51	2
E91N/125	2CSM277352R1801	1+N	4	100	690	22 x 58	2

Miniature Circuit Breaker Curve C

1.3 up to 3kA- SR200T Series

Breaking capacity: 3kA MCB has been issued with LOA based on VC8036
Tripping characteristics: Curve C
Terminals- cross section of conductors: 25mm²



SR201T Single Pole MCB 3kA Din Rail Mount (230Vac)

Type	Order Code	No. of Poles (17.5mm)	Rated Current (A)	Rated kA at 230 VAC (Icu)	Rated kA at 230 VAC (Ics)	Units per pack
SR201T-C6	2CDS231070R0064	1	6	3	3	10
SR201T-C10	2CDS231070R0104	1	10	3	3	10
SR201T-C16	2CDS231070R0164	1	16	3	3	10
SR201T-C20	2CDS231070R0204	1	20	3	3	10
SR201T-C25	2CDS231070R0254	1	25	3	3	10
SR201T-C32	2CDS231070R0324	1	32	3	3	10
SR201T-C40	2CDS231070R0404	1	40	3	3	10
SR201T-C50	2CDS231070R0504	1	50	3	3	10
SR201T-C63	2CDS231070R0634	1	63	3	3	10



SR202T Double Pole MCB 3kA Din Rail Mount (400Vac)

Type	Order Code	No. of Poles (17.5mm)	Rated Current (A)	Rated kA at 400 VAC (Icu)	Rated kA at 400 VAC (Ics)	Units per pack
SR202T-C6	2CDS232070R0064	2	6	3	3	5
SR202T-C10	2CDS232070R0104	2	10	3	3	5
SR202T-C16	2CDS232070R0164	2	16	3	3	5
SR202T-C20	2CDS232070R0204	2	20	3	3	5
SR202T-C25	2CDS232070R0254	2	25	3	3	5
SR202T-C32	2CDS232070R0324	2	32	3	3	5
SR202T-C40	2CDS232070R0404	2	40	3	3	5
SR202T-C50	2CDS232070R0504	2	50	3	3	5
SR202T-C63	2CDS232070R0634	2	63	3	3	5

Miniature Circuit Breaker Curve C

1.3 up to 3kA- SR200T Series

Breaking capacity: 3kA MCB has been issued with LOA based on VC8036
Tripping characteristics: Curve C
Terminals- cross section of conductors: 25mm²



SR203T Triple Pole MCB 3kA Din Rail Mount (400Vac)

Type	Order Code	No. of Poles (17.5mm)	Rated Current (A)	Rated kA at 400 VAC (Icu)	Rated kA at 400 VAC (Ics)	Units per pack
SR203T-C6	2CDS233070R0064	3	6	3	3	1
SR203T-C10	2CDS233070R0104	3	10	3	3	1
SR203T-C16	2CDS233070R0164	3	16	3	3	1
SR203T-C20	2CDS233070R0204	3	20	3	3	1
SR203T-C25	2CDS233070R0254	3	25	3	3	1
SR203T-C32	2CDS233070R0324	3	32	3	3	1
SR203T-C40	2CDS233070R0404	3	40	3	3	1
SR203T-C50	2CDS233070R0504	3	50	3	3	1
SR203T-C63	2CDS233070R0634	3	63	3	3	1



SR204T Four Pole MCB 3kA Din Rail Mount (400Vac)

Type	Order Code	No. of Poles (17.5mm)	Rated Current (A)	Rated kA at 400 VAC (Icu)	Rated kA at 400 VAC (Ics)	Units per pack
SR204T-C10	2CDS234070R0104	4	10	3	3	1
SR204T-C16	2CDS234070R0164	4	16	3	3	1
SR204T-C25	2CDS234070R0254	4	25	3	3	1
SR204T-C32	2CDS234070R0324	4	32	3	3	1
SR204T-C40	2CDS234070R0404	4	40	3	3	1
SR204T-C50	2CDS234070R0504	4	50	3	3	1
SR204T-C63	2CDS234070R0634	4	63	3	3	1

Miniature Circuit Breakers Curve C

1.4 Up to 10kA - S200 Series

Miniature Circuit Breaker S200 (C - Curve / Curve 2) Up to 10kA (VC8036)

Function: Protection and control of circuits against overloads and short-circuits, protection for resistive and inductive loads with low inrush current.

Application: Domestic, commercial and industrial



S201 Single Pole MCB Din Rail Mount (230 VAC - 60 VDC)

Type	Order Code	No. of Poles (17.5 mm)	Rated Current (A)	Rated kA at 230 VAC (Icu)	Rated kA at 230 VAC (Ics)	Units Per Pack
S201-C2	2CDS251001R0024	1	2	10	7.5	10
S201-C6	2CDS251001R0064	1	6	10	7.5	10
S201-C10	2CDS251001R0104	1	10	10	7.5	10
S201-C16	2CDS251001R0164	1	16	10	7.5	10
S201-C20	2CDS251001R0204	1	20	10	7.5	10
S201-C25	2CDS251001R0254	1	25	10	7.5	10
S201-C32	2CDS251001R0324	1	32	10	7.5	10
S201-C40	2CDS251001R0404	1	40	10	7.5	10
S201-C50	2CDS251001R0504	1	50	10	7.5	10
S201-C63	2CDS251001R0634	1	63	10	7.5	10
S201-C80	2CDS251001R0804	1	80	6	6	10
S201-C100	2CDS251001R0824	1	100	6	6	10



S202 Double Pole MCB Din Rail Mount (400 VAC - 125 VDC)

Type	Order Code	No. of Poles (35 mm)	Rated Current (A)	Rated kA at 400 VAC (Icu)	Rated kA at 400 VAC (Ics)	Units Per Pack
S202-C2	2CDS252001R0024	2	2	10	7.5	5
S202-C6	2CDS252001R0064	2	6	10	7.5	5
S202-C10	2CDS252001R0104	2	10	10	7.5	5
S202-C16	2CDS252001R0164	2	16	10	7.5	5
S202-C20	2CDS252001R0204	2	20	10	7.5	5
S202-C25	2CDS252001R0254	2	25	10	7.5	5
S202-C32	2CDS252001R0324	2	32	10	7.5	5
S202-C40	2CDS252001R0404	2	40	10	7.5	5
S202-C50	2CDS252001R0504	2	50	10	7.5	5
S202-C63	2CDS252001R0634	2	63	10	7.5	5
S202-C80	2CDS252001R0804	2	80	6	6	5
S202-C100	2CDS252001R0824	2	100	6	6	5



S203 Triple Pole MCB Din Rail Mount (400 VAC)

Type	Order Code	No. of Poles (52.5 mm)	Rated Current (A)	Rated kA at 400 VAC (Icu)	Rated kA at 400 VAC (Ics)	Units Per Pack
S203-C2	2CDS253001R0024	3	2	10	7.5	1
S203-C6	2CDS253001R0064	3	6	10	7.5	1
S203-C10	2CDS253001R0104	3	10	10	7.5	1
S203-C16	2CDS253001R0164	3	16	10	7.5	1
S203-C20	2CDS253001R0204	3	20	10	7.5	1
S203-C25	2CDS253001R0254	3	25	10	7.5	1
S203-C32	2CDS253001R0324	3	32	10	7.5	1
S203-C40	2CDS253001R0404	3	40	10	7.5	1
S203-C50	2CDS253001R0504	3	50	10	7.5	1
S203-C63	2CDS253001R0634	3	63	10	7.5	1
S203-C80	2CDS253001R0804	3	80	6	6	1
S203-C100	2CDS253001R0824	3	100	6	6	1

Note:

Also available in B and K curve. Contact ABB for more information. Icu/Ics rating according to IEC 60947-2

Miniature Circuit Breakers Curve C

1.4 Up to 10kA - S200 Series



S204 Four Pole MCB Din Rail Mount (400 VAC)

Type	Order Code	No. of Poles (70mm)	Rated Current (A)	Rated kA at 400 VAC (Icu)	Rated kA at 400 VAC (Ics)	Units Per Pack
S204-C2	2CDS254001R0024	4	2	10	7.5	1
S204-C6	2CDS254001R0064	4	6	10	7.5	1
S204-C10	2CDS254001R0104	4	10	10	7.5	1
S204-C16	2CDS254001R0164	4	16	10	7.5	1
S204-C20	2CDS254001R0204	4	20	10	7.5	1
S204-C25	2CDS254001R0254	4	25	10	7.5	1
S204-C32	2CDS254001R0324	4	32	10	7.5	1
S204-C40	2CDS254001R0404	4	40	10	7.5	1
S204-C50	2CDS254001R0504	4	50	10	7.5	1
S204-C63	2CDS254001R0634	4	63	10	7.5	1
S204-C80	2CDS254001R0804	4	80	6	6	1
S204-C100	2CDS254001R0824	4	100	6	6	1

MCB S200 (C - Curve / Curve 2) Up to 10kA With Disconnecting Neutral NA (VC8036)

Function: Protection and control of circuits against overloads and short-circuits, protection for resistive and inductive loads with low inrush current.

Application: Domestic, commercial and industrial.



S201 NA Single Pole and Neutral MCB Din Rail Mount (230 VAC - 60 VDC)

Type	Order Code	No. of Poles (35 mm)	Rated Current (A)	Rated kA at 230 VAC (Icu)	Rated kA at 230 VAC (Ics)	Units Per Pack
S201-C6 NA	2CDS251103R0064	1 + N	6	10	7.5	5
S201-C10 NA	2CDS251103R0104	1 + N	10	10	7.5	5
S201-C16 NA	2CDS251103R0164	1 + N	16	10	7.5	5
S201-C20 NA	2CDS251103R0204	1 + N	20	10	7.5	5
S201-C25 NA	2CDS251103R0254	1 + N	25	10	7.5	5
S201-C32 NA	2CDS251103R0324	1 + N	32	10	7.5	5
S201-C40 NA	2CDS251103R0404	1 + N	40	10	7.5	5
S201-C50 NA	2CDS251103R0504	1 + N	50	10	7.5	5
S201-C63 NA	2CDS251103R0634	1 + N	63	10	7.5	5
S201-C80 NA	2CDS251103R0804	1 + N	80	6	6	5
S201-C100 NA	2CDS251103R0824	1 + N	100	6	6	5



S203 NA Triple Pole and Neutral MCB Din Rail Mount (400 VAC - 125 VDC)

Type	Order Code	No. of Poles (70 mm)	Rated Current (A)	Rated kA at 400 VAC (Icu)	Rated kA at 400 VAC (Ics)	Units Per Pack
S203-C6 NA	2CDS253103R0064	3 + N	6	10	7.5	1
S203-C10 NA	2CDS253103R0104	3 + N	10	10	7.5	1
S203-C16 NA	2CDS253103R0164	3 + N	16	10	7.5	1
S203-C20 NA	2CDS253103R0204	3 + N	20	10	7.5	1
S203-C25 NA	2CDS253103R0254	3 + N	25	10	7.5	1
S203-C32 NA	2CDS253103R0324	3 + N	32	10	7.5	1
S203-C40 NA	2CDS253103R0404	3 + N	40	10	7.5	1
S203-C50 NA	2CDS253103R0504	3 + N	50	10	7.5	1
S203-C63 NA	2CDS253103R0634	3 + N	63	10	7.5	1
S203-C80 NA	2CDS253103R0804	3 + N	80	6	6	1
S203-C100 NA	2CDS253103R0824	3 + N	100	6	6	1

Note:

Icu/Ics rating according to IEC 60947-2

Miniature Circuit Breakers Curve D

1.5 Up to 10kA – S200 Series

Miniature Circuit Breaker S200 (D - Curve / Curve 1) Up to 10kA (VC8036)

Function: Protection and control of circuits against overloads and short-circuits, protection for circuits with high inrush current with circuit closing.

Application: Domestic, commercial and industrial.



S201 Single Pole MCB Din Rail Mount (230 VAC - 60 VDC)

Type	Order Code	No. of Poles (17.5mm)	Rated Current (A)	Rated kA at 230 VAC (Icu)	Rated kA at 230 VAC (Ics)	Units Per Pack
S201-D2	2CDS251001R0021	1	2	10	7.5	10
S201-D6	2CDS251001R0061	1	6	10	7.5	10
S201-D10	2CDS251001R0101	1	10	10	7.5	10
S201-D16	2CDS251001R0161	1	16	10	7.5	10
S201-D20	2CDS251001R0201	1	20	10	7.5	10
S201-D25	2CDS251001R0251	1	25	10	7.5	10
S201-D32	2CDS251001R0321	1	32	10	7.5	10
S201-D40	2CDS251001R0401	1	40	10	7.5	10
S201-D50	2CDS251001R0501	1	50	10	7.5	10
S201-D63	2CDS251001R0631	1	63	10	7.5	10



S202 Double Pole MCB Din Rail Mount (400 VAC - 125 VDC)

Type	Order Code	No. of Poles (35 mm)	Rated Current (A)	Rated kA at 400 VAC (Icu)	Rated kA at 400 VAC (Ics)	Units Per Pack
S202-D2	2CDS252001R0021	2	2	10	7.5	5
S202-D6	2CDS252001R0061	2	6	10	7.5	5
S202-D10	2CDS252001R0101	2	10	10	7.5	5
S202-D16	2CDS252001R0161	2	16	10	7.5	5
S202-D20	2CDS252001R0201	2	20	10	7.5	5
S202-D25	2CDS252001R0251	2	25	10	7.5	5
S202-D32	2CDS252001R0321	2	32	10	7.5	5
S202-D40	2CDS252001R0401	2	40	10	7.5	5
S202-D50	2CDS252001R0501	2	50	10	7.5	5
S202-D63	2CDS252001R0631	2	63	10	7.5	5



S203 Triple Pole MCB Din Rail Mount (400 VAC)

Type	Order Code	No. of Poles (52.5 mm)	Rated Current (A)	Rated kA at 400 VAC (Icu)	Rated kA at 400 VAC (Ics)	Units Per Pack
S203-D2	2CDS253001R0021	3	2	10	7.5	1
S203-D6	2CDS253001R0061	3	6	10	7.5	1
S203-D10	2CDS253001R0101	3	10	10	7.5	1
S203-D16	2CDS253001R0161	3	16	10	7.5	1
S203-D20	2CDS253001R0201	3	20	10	7.5	1
S203-D25	2CDS253001R0251	3	25	10	7.5	1
S203-D32	2CDS253001R0321	3	32	10	7.5	1
S203-D40	2CDS253001R0401	3	40	10	7.5	1
S203-D50	2CDS253001R0501	3	50	10	7.5	1
S203-D63	2CDS253001R0631	3	63	10	7.5	1

S204 Four Pole MCB Din Rail Mount (400 VAC)

Type	Order Code	No. of Poles (52.5 mm)	Rated Current (A)	Rated kA at 400 VAC (Icu)	Rated kA at 400 VAC (Ics)	Units Per Pack
S204-D2*	2CDS254001R0021	4	2	10	7.5	1
S204-D6*	2CDS254001R0061	4	6	10	7.5	1
S204-D10*	2CDS254001R0101	4	10	10	7.5	1
S204-D16*	2CDS254001R0161	4	16	10	7.5	1
S204-D20*	2CDS254001R0201	4	20	10	7.5	1
S204-D25*	2CDS254001R0251	4	25	10	7.5	1
S204-D32*	2CDS254001R0321	4	32	10	7.5	1
S204-D40*	2CDS254001R0401	4	40	10	7.5	1
S204-D50*	2CDS254001R0501	4	50	10	7.5	1
S204-D63*	2CDS254001R0631	4	63	10	7.5	1

Note:

Also available in B, C and K curve. Contact ABB for more information. Icu/Ics rating according to IEC 60947-2

* Contact ABB for availability.

Miniature Circuit Breakers Curve C

1.6 15kA – S200M Series

Miniature Circuit Breaker S200M (C - Curve / Curve 2) 15kA

Function: Protection and control of circuits against overloads and short-circuits, protection for resistive and inductive loads with low inrush current.

Application: Domestic, commercial and industrial.



S201 M Single Pole MCB 15kA Din Rail Mount (230 VAC - 60 VDC)

Type	Order Code	No. of Poles (17.5 mm)	Rated Current (A)	Rated kA at 230 VAC (Icu)	Rated kA at 230 VAC (Ics)	Units Per Pack
S201M-C2	2CDS271001R0024	1	2	15	11.2	10
S201M-C6	2CDS271001R0064	1	6	15	11.2	10
S201M-C10	2CDS271001R0104	1	10	15	11.2	10
S201M-C16	2CDS271001R0164	1	16	15	11.2	10
S201M-C20	2CDS271001R0204	1	20	15	11.2	10
S201M-C25	2CDS271001R0254	1	25	15	11.2	10
S201M-C32	2CDS271001R0324	1	32	15	11.2	10
S201M-C40	2CDS271001R0404	1	40	15	11.2	10
S201M-C50	2CDS271001R0504	1	50	15	7.5	10
S201M-C63	2CDS271001R0634	1	63	15	7.5	10



S202 M Double Pole MCB 15kA Din Rail Mount (400 VAC - 125 VDC)

Type	Order Code	No. of Poles (35 mm)	Rated Current (A)	Rated kA at 400 VAC (Icu)	Rated kA at 400 VAC (Ics)	Units Per Pack
S202M-C2	2CDS272001R0024	2	2	15	11.2	5
S202M-C6	2CDS272001R0064	2	6	15	11.2	5
S202M-C10	2CDS272001R0104	2	10	15	11.2	5
S202M-C16	2CDS272001R0164	2	16	15	11.2	5
S202M-C20	2CDS272001R0204	2	20	15	11.2	5
S202M-C25	2CDS272001R0254	2	25	15	11.2	5
S202M-C32	2CDS272001R0324	2	32	15	11.2	5
S202M-C40	2CDS272001R0404	2	40	15	11.2	5
S202M-C50	2CDS272001R0504	2	50	15	7.5	5
S202M-C63	2CDS272001R0634	2	63	15	7.5	5



S203 M Triple Pole MCB 15kA Din Rail Mount (400 VAC)

Type	Order Code	No. of Poles (52.5 mm)	Rated Current (A)	Rated kA at 400 VAC (Icu)	Rated kA at 400 VAC (Ics)	Units Per Pack
S203M-C2	2CDS273001R0024	3	2	15	11.2	1
S203M-C6	2CDS273001R0064	3	6	15	11.2	1
S203M-C10	2CDS273001R0104	3	10	15	11.2	1
S203M-C16	2CDS273001R0164	3	16	15	11.2	1
S203M-C20	2CDS273001R0204	3	20	15	11.2	1
S203M-C25	2CDS273001R0254	3	25	15	11.2	1
S203M-C32	2CDS273001R0324	3	32	15	11.2	1
S203M-C40	2CDS273001R0404	3	40	15	11.2	1
S203M-C50	2CDS273001R0504	3	50	15	7.5	1
S203M-C63	2CDS273001R0634	3	63	15	7.5	1

S204 M Four Pole MCB 15kA Din Rail Mount (400 VAC)

Type	Order Code	No. of Poles (52.5 mm)	Rated Current (A)	Rated kA at 400 VAC (Icu)	Rated kA at 400 VAC (Ics)	Units Per Pack
S204M-C2	2CDS274001R0024	4	2	15	11.2	1
S204M-C6	2CDS274001R0064	4	6	15	11.2	1
S204M-C10	2CDS274001R0104	4	10	15	11.2	1
S204M-C16	2CDS274001R0164	4	16	15	11.2	1
S204M-C20	2CDS274001R0204	4	20	15	11.2	1
S204M-C25	2CDS274001R0254	4	25	15	11.2	1
S204M-C32	2CDS274001R0324	4	32	15	11.2	1
S204M-C40	2CDS274001R0404	4	40	15	11.2	1
S204M-C50	2CDS274001R0504	4	50	15	7.5	1
S204M-C63	2CDS274001R0634	4	63	15	7.5	1

Note:
Also available in B, D and K curve. Contact ABB for more information.
Icu/Ics rating according to IEC 60947-2

Miniature Circuit Breakers Curve C

1.7 25kA – S200P Series

Miniature Circuit Breaker S200P (C - Curve / Curve 2) 25kA

Function: Protection and control of circuits against overloads and short-circuits, protection for resistive and inductive loads with low inrush current.

Application: Commercial and industrial.



S201 P Single Pole MCB 25kA Din Rail Mount (230 VAC - 60 VDC)

Type	Order Code	No. of Poles (17.5 mm)	Rated Current (A)	Rated kA at 230 VAC (Icu)	Rated kA at 230 VAC (Ics)	Units Per Pack
S201P-C2	2CDS281001R0024	1	2	25	12.5	10
S201P-C6	2CDS281001R0064	1	6	25	12.5	10
S201P-C10	2CDS281001R0104	1	10	25	12.5	10
S201P-C16	2CDS281001R0164	1	16	25	12.5	10
S201P-C20	2CDS281001R0204	1	20	25	12.5	10
S201P-C25	2CDS281001R0254	1	25	25	12.5	10



S202 P Double Pole MCB 25kA Din Rail Mount (400 VAC - 125 VDC)

Type	Order Code	No. of Poles (35 mm)	Rated Current (A)	Rated kA at 400 VAC (Icu)	Rated kA at 400 VAC (Ics)	Units Per Pack
S202P-C2	2CDS282001R0024	2	2	25	12.5	5
S202P-C6	2CDS282001R0064	2	6	25	12.5	5
S202P-C10	2CDS282001R0104	2	10	25	12.5	5
S202P-C16	2CDS282001R0164	2	16	25	12.5	5
S202P-C20	2CDS282001R0204	2	20	25	12.5	5
S202P-C25	2CDS282001R0254	2	25	25	12.5	5



S203 P Triple Pole MCB 25kA Din Rail Mount (400 VAC)

Type	Order Code	No. of Poles (52.5 mm)	Rated Current (A)	Rated kA at 400 VAC (Icu)	Rated kA at 400 VAC (Ics)	Units Per Pack
S203P-C2	2CDS283001R0024	3	2	25	12.5	1
S203P-C6	2CDS283001R0064	3	6	25	12.5	1
S203P-C10	2CDS283001R0104	3	10	25	12.5	1
S203P-C16	2CDS283001R0164	3	16	25	12.5	1
S203P-C20	2CDS283001R0204	3	20	25	12.5	1
S203P-C25	2CDS283001R0254	3	25	25	12.5	1

S204 P Four Pole MCB 25kA Din Rail Mount (400 VAC)

Type	Order Code	No. of Poles (52.5 mm)	Rated Current (A)	Rated kA at 400 VAC (Icu)	Rated kA at 400 VAC (Ics)	Units Per Pack
S204P-C2*	2CDS284001R0024	4	2	25	12,5	1
S204P-C6*	2CDS284001R0064	4	6	25	12,5	1
S204P-C10*	2CDS284001R0104	4	10	25	12,5	1
S204P-C16*	2CDS284001R0164	4	16	25	12,5	1
S204P-C20*	2CDS284001R0204	4	20	25	12,5	1
S204P-C25*	2CDS284001R0254	4	25	25	12,5	1

Note:

Also available in B, D, K curve. Contact ABB for more information. Icu/Ics rating according to IEC 60947-2

* Contact ABB for availability.

Miniature Circuit Breakers Curve C

1.8 25kA – S300P Series

Miniature Circuit Breaker S300P (C - Curve / Curve 2) 25kA

Function: Protection and control of circuits against overloads and short-circuits, protection for resistive and inductive loads with low inrush current.

Application: Domestic, commercial and industrial.



S301 P Single Pole MCB 25kA Din Rail Mount (240 VAC - 60 VDC)

Type	Order Code	No. of Poles (17.5 mm)	Rated Current (A)	Rated kA at 240 VAC (Icu)	Rated kA at 240 VAC (Ics)	Units Per Pack
S301P-C2	2CDS381001R0024	1	2	25	12,5	10
S301P-C4	2CDS381001R0044	1	4	25	12,5	10
S301P-C6	2CDS381001R0064	1	6	25	12,5	10
S301P-C10	2CDS381001R0104	1	10	25	12,5	10
S301P-C16	2CDS381001R0164	1	16	25	12,5	10
S301P-C20	2CDS381001R0204	1	20	25	12,5	10
S301P-C25	2CDS381001R0254	1	25	25	12,5	10
S301P-C32	2CDS381001R0324	1	32	25	10	10
S301P-C40	2CDS381001R0404	1	40	25	10	10
S301P-C50	2CDS381001R0504	1	50	25	7,5	10
S301P-C63	2CDS381001R0634	1	63	25	7,5	10



S301 P NA Single Pole and Neutral MCB 25kA Din Rail Mount (240 VAC - 60 VDC)

Type	Order Code	No. of Poles (17.5 mm)	Rated Current (A)	Rated kA at 240 VAC (Icu)	Rated kA at 240 VAC (Ics)	Units Per Pack
S301P-C2NA	2CDS381103R0024	1P+N	2	25	12,5	5
S301P-C4NA	2CDS381103R0044	1P+N	4	25	12,5	5
S301P-C6NA	2CDS381103R0064	1P+N	6	25	12,5	5
S301P-C10NA	2CDS381103R0104	1P+N	10	25	12,5	5
S301P-C16NA	2CDS381103R0164	1P+N	16	25	12,5	5
S301P-C20NA	2CDS381103R0204	1P+N	20	25	12,5	5
S301P-C25NA	2CDS381103R0254	1P+N	25	25	12,5	5
S301P-C32NA	2CDS381103R0324	1P+N	32	25	10	5
S301P-C40NA	2CDS381103R0404	1P+N	40	25	10	5
S301P-C50NA	2CDS381103R0504	1P+N	50	25	7,5	5
S301P-C63NA	2CDS381103R0634	1P+N	63	25	7,5	5



S302 P Double Pole MCB 25kA Din Rail Mount (415 VAC)

Type	Order Code	No. of Poles (17.5 mm)	Rated Current (A)	Rated kA at 240 VAC (Icu)	Rated kA at 240 VAC (Ics)	Units Per Pack
S302P-C2	2CDS382001R0024	2	2	25	12,5	5
S302P-C4	2CDS382001R0044	2	4	25	12,5	5
S302P-C6	2CDS382001R0064	2	6	25	12,5	5
S302P-C10	2CDS382001R0104	2	10	25	12,5	5
S302P-C16	2CDS382001R0164	2	16	25	12,5	5
S302P-C20	2CDS382001R0204	2	20	25	12,5	5
S302P-C25	2CDS382001R0254	2	25	25	12,5	5
S302P-C32	2CDS382001R0324	2	32	25	10	5
S302P-C40	2CDS382001R0404	2	40	25	10	5
S302P-C50	2CDS382001R0504	2	50	25	7,5	5
S302P-C63	2CDS382001R0634	2	63	25	7,5	5

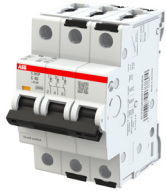
Miniature Circuit Breakers Curve C

1.8 25kA – S300P Series

Miniature Circuit Breaker S300P (C - Curve / Curve 2) 25kA

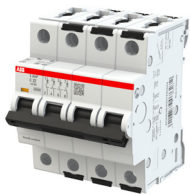
Function: Protection and control of circuits against overloads and short-circuits, protection for resistive and inductive loads with low inrush current.

Application: Domestic, commercial and industrial.



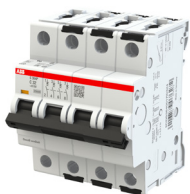
S303 P Triple Pole MCB 25kA Din Rail Mount (415 VAC)

Type	Order Code	No. of Poles (17.5 mm)	Rated Current (A)	Rated kA at 240 VAC (Icu)	Rated kA at 240 VAC (Ics)	Units Per Pack
S303P-C2	2CDS383001R0024	3	2	25	12,5	1
S303P-C4	2CDS383001R0044	3	4	25	12,5	1
S303P-C6	2CDS383001R0064	3	6	25	12,5	1
S303P-C10	2CDS383001R0104	3	10	25	12,5	1
S303P-C16	2CDS383001R0164	3	16	25	12,5	1
S303P-C20	2CDS383001R0204	3	20	25	12,5	1
S303P-C25	2CDS383001R0254	3	25	25	12,5	1
S303P-C32	2CDS383001R0324	3	32	25	10	1
S303P-C40	2CDS383001R0404	3	40	25	10	1
S303P-C50	2CDS383001R0504	3	50	25	7,5	1
S303P-C63	2CDS383001R0634	3	63	25	7,5	1



S303 P NA Triple Pole and Neutral MCB 25kA Din Rail Mount (415 VAC - 125 VDC)

Type	Order Code	No. of Poles (17.5 mm)	Rated Current (A)	Rated kA at 240 VAC (Icu)	Rated kA at 240 VAC (Ics)	Units Per Pack
S303P-C2NA	2CDS383103R0024	3P+N	2	25	12,5	1
S303P-C4NA	2CDS383103R0044	3P+N	4	25	12,5	1
S303P-C6NA	2CDS383103R0064	3P+N	6	25	12,5	1
S303P-C10NA	2CDS383103R0104	3P+N	10	25	12,5	1
S303P-C16NA	2CDS383103R0164	3P+N	16	25	12,5	1
S303P-C20NA	2CDS383103R0204	3P+N	20	25	12,5	1
S303P-C25NA	2CDS383103R0254	3P+N	25	25	12,5	1
S303P-C32NA	2CDS383103R0324	3P+N	32	25	10	1
S303P-C40NA	2CDS383103R0404	3P+N	40	25	10	1
S303P-C50NA	2CDS383103R0504	3P+N	50	25	7,5	1
S303P-C63NA	2CDS383103R0634	3P+N	63	25	7,5	1



S304 P Four Pole MCB 25kA Din Rail Mount (415 VAC)

Type	Order Code	No. of Poles (17.5 mm)	Rated Current (A)	Rated kA at 240 VAC (Icu)	Rated kA at 240 VAC (Ics)	Units Per Pack
S304P-C2	2CDS384001R0024	4	2	25	12,5	1
S304P-C4	2CDS384001R0044	4	4	25	12,5	1
S304P-C6	2CDS384001R0064	4	6	25	12,5	1
S304P-C10	2CDS384001R0104	4	10	25	12,5	1
S304P-C16	2CDS384001R0164	4	16	25	12,5	1
S304P-C20	2CDS384001R0204	4	20	25	12,5	1
S304P-C25	2CDS384001R0254	4	25	25	12,5	1
S304P-C32	2CDS384001R0324	4	32	25	10	1
S304P-C40	2CDS384001R0404	4	40	25	10	1
S304P-C50	2CDS384001R0504	4	50	25	7,5	1
S304P-C63	2CDS384001R0634	4	63	25	7,5	1

Miniature Circuit Breakers DC Application

1.9 Curve B and K – S200 MUC Series

Miniature Circuit Breaker S200 MUC (B - Curve/Curve 3)

Function: Protection and control of circuits against overloads and short-circuits, protection for people and extended length cables in TN and IT systems; version dedicated to applications in direct current circuits for voltages up to 220 VDC single pole and 440 VDC 2, 3 and 4 poles.

Application: Commercial and industrial.



S201 MUC Single Pole MCB Din Rail Mount (230 VAC - 220 VDC)

Type	Order Code	No. of Poles (17.5 mm)	Rated Current (A)	Rated kA at 220 VDC (Icu)	Rated kA at 220 VDC (Ics)	Units Per Pack
S201M-B6UC	2CDS271061R0065	1	6	10	10	10
S201M-B10UC	2CDS271061R0105	1	10	10	10	10
S201M-B16UC	2CDS271061R0165	1	16	10	10	10
S201M-B20UC	2CDS271061R0205	1	20	10	10	10
S201M-B25UC	2CDS271061R0255	1	25	10	10	10



S202 MUC Double Pole MCB Din Rail Mount (400 VAC - 440 VDC)

Type	Order Code	No. of Poles (35 mm)	Rated Current (A)	Rated kA at 440 VDC (Icu)	Rated kA at 440 VDC (Ics)	Units Per Pack
S202M-B6UC	2CDS272061R0065	2	6	10	10	5
S202M-B10UC	2CDS272061R0105	2	10	10	10	5
S202M-B16UC	2CDS272061R0165	2	16	10	10	5
S202M-B20UC	2CDS272061R0205	2	20	10	10	5
S202M-B25UC	2CDS272061R0255	2	25	10	10	5

Miniature Circuit Breaker S200 MUC (K - Curve/Curve 1)

Function: Protection and control of circuits such as motors and auxiliary circuits, against overloads and short-circuits; version dedicated to application in direct currents circuits for voltages up to 220 VDC single pole and 440 VDC 2, 3 and 4 poles.

Application: Commercial and industrial.



S201 MUC Single Pole MCB Din Rail Mount (230 VAC - 220 VDC)

Type	Order Code	No. of Poles (17.5 mm)	Rated Current (A)	Rated kA at 220 VDC (Icu)	Rated kA at 220 VDC (Ics)	Units Per Pack
S201M-K1UC	2CDS271061R0217	1	1	10	10	10
S201M-K2UC	2CDS271061R0277	1	2	10	10	10
S201M-K6UC	2CDS271061R0377	1	6	10	10	10
S201M-K10UC	2CDS271061R0427	1	10	10	10	10
S201M-K16UC	2CDS271061R0467	1	16	10	10	10
S201M-K20UC	2CDS271061R0487	1	20	10	10	10
S201M-K25UC	2CDS271061R0517	1	25	10	10	10
S201M-K32UC	2CDS271061R0537	1	32	10	10	10
S201M-K40UC	2CDS271061R0557	1	40	10	10	10
S201M-K50UC	2CDS271061R0577	1	50	10	10	10
S201M-K63UC	2CDS271061R0607	1	63	10	10	10

Note:

- Icu/Ics rating according to IEC 60947-2
- Also available in C and Z Curve. Contact ABB for more information

Miniature Circuit Breakers DC Application

1.9 Curve K – S200 MUC Series

Miniature Circuit Breaker S200-MUC (K - Curve / Curve 1)

Function: Protection and control of circuits such as motors and auxiliary circuits, against overloads and short-circuits; version dedicated to application in direct current circuits for voltages up to 220 VDC single pole and 440 VDC 2, 3 and 4 poles.

Application: Commercial and industrial.



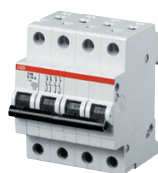
S202-MUC Double Pole MCB Din Rail Mount (400 VAC - 440 VDC)

Type	Order Code	No. of Poles (35 mm)	Rated Current (A)	Rated kA at 440 VDC (Icu)	Rated kA at 440 VDC (Ics)	Units Per Pack
S202M-K1UC	2CDS272061R0217	2	1	10	10	5
S202M-K2UC	2CDS272061R0277	2	2	10	10	5
S202M-K6UC	2CDS272061R0377	2	6	10	10	5
S202M-K10UC	2CDS272061R0427	2	10	10	10	5
S202M-K16UC	2CDS272061R0467	2	16	10	10	5
S202M-K20UC	2CDS272061R0487	2	20	10	10	5
S202M-K25UC	2CDS272061R0517	2	25	10	10	5
S202M-K32UC	2CDS272061R0537	2	32	10	10	5
S202M-K40UC	2CDS272061R0557	2	40	10	10	5
S202M-K50UC	2CDS272061R0577	2	50	10	10	5
S202M-K63UC	2CDS272061R0607	2	63	10	10	5



S203-MUC Triple Pole MCB Din Rail Mount (400 VAC - 440 VDC)

Type	Order Code	No. of Poles (52.5 mm)	Rated Current (A)	Rated kA at 440 VDC (Icu)	Rated kA at 440 VDC (Ics)	Units Per Pack
S203M-K1UC	2CDS273061R0217	3	1	10	10	1
S203M-K2UC	2CDS273061R0277	3	2	10	10	1
S203M-K6UC	2CDS273061R0377	3	6	10	10	1
S203M-K10UC	2CDS273061R0427	3	10	10	10	1
S203M-K16UC	2CDS273061R0467	3	16	10	10	1
S203M-K20UC	2CDS273061R0487	3	20	10	10	1
S203M-K25UC	2CDS273061R0517	3	25	10	10	1
S203M-K32UC	2CDS273061R0537	3	32	10	10	1
S203M-K40UC	2CDS273061R0557	3	40	10	10	1
S203M-K50UC	2CDS273061R0577	3	50	10	10	1
S203M-K63UC	2CDS273061R0607	3	63	10	10	1



S204-MUC Four Pole MCB Din Rail Mount (400 VAC - 440 VDC)

Type	Order Code	No. of Poles (70 mm)	Rated Current (A)	Rated kA at 440 VDC (Icu)	Rated kA at 440 VDC (Ics)	Units Per Pack
S204M-K1UC	2CDS274061R0217	4	1	10	10	1
S204M-K2UC	2CDS274061R0277	4	2	10	10	1
S204M-K6UC	2CDS274061R0377	4	6	10	10	1
S204M-K10UC	2CDS274061R0427	4	10	10	10	1
S204M-K16UC	2CDS274061R0467	4	16	10	10	1
S204M-K20UC	2CDS274061R0487	4	20	10	10	1
S204M-K25UC	2CDS274061R0517	4	25	10	10	1
S204M-K32UC	2CDS274061R0537	4	32	10	10	1
S204M-K40UC	2CDS274061R0557	4	40	10	10	1
S204M-K50UC	2CDS274061R0577	4	50	10	10	1
S204M-K63UC	2CDS274061R0607	4	63	10	10	1

Note:

- Icu/Ics rating according to IEC 60947-2
- Also available in C and Z Curve. Contact ABB for more information

Miniature Circuit Breakers

1.10 Accessories

The S200 Range of accessories are suitable for use on the S200, S200M, S200P and S200 MUC series of circuit breakers

Signal / Auxiliary Contacts

Function: Indication of the position of the device's contacts and signaling of a fault (over current/short-circuit for MCB's and RCBO's, earth fault for RCCB's and RCBO's). (module = 8.8mm width)



Suitable for MCBs S200, RCCBs F200 Series, RCBOs DS200 Series

Type	Order Code	Description	Rated Current A	Mounting Position
S 2C-S/H6R	2CDS200922R0001	Signal contact / Auxiliary switch (1NO/1NC)	10	RH
S 2C-H6R	2CDS200912R0001	Auxiliary switch (1NO/1NC)	10	RH

Auxiliary Contacts - Left-side Mounting

Function: Indication of the position of the device's contacts. (module = 8.8mm width)



Suitable for MCBs S200, RCCBs F200 Series, RCBOs DS200 Series

Type	Order Code	Description	Rated Current A	Mounting Position
S 2C-H11L	2CDS200936R0001	Auxiliary contact (1NO/1NC)	10	LH
S 2C-H20L	2CDS200936R0002	Auxiliary contact (2NO)	10	LH
S 2C-H02L	2CDS200936R0003	Auxiliary contact (2NC)	10	LH

* Contact load = AC14, 2A/230V

Auxiliary Contact - Bottom-fitting

Function: Indication of the position of the device's contacts.



Suitable for MCBs S200, S200 M, S200 P

Type	Order Code	Description	Rated Current A	Mounting Position
S 2C-H01	2CDS200970R0001	Auxiliary contact (1NC)	2*	Bottom
S 2C-H10	2CDS200970R0002	Auxiliary contact (1NO)	2*	Bottom

Shunt Trip

Function: Remote opening of the device when a voltage is supplied.



Suitable for MCBs S200 Series and RCBOs DS200 Series

Type	Order Code	No. of Poles (17.5mm)	Voltage VAC	Voltage VDC	Units Per Package	Mounting Position
S 2C-A1	2CDS200909R0001	1	12 - 60	12 - 60	1	RH
S 2C-A2	2CDS200909R0002	1	110 - 415	110 - 250	1	RH

Under Voltage Releases

Function: Protection of the load in the event of a voltage drop (between 70% and 35% of its rated value). Positive safety emergency stop by means of a button.



Suitable for MCBs S200 Series, RCCBs F200 Series, RCBOs DS200 Series

Type	Order Code	No. of Poles (17.5mm)	Voltage AC	Voltage DC	Units Per Package	Mounting Position
S2C-UA 24 AC	2CSS200911R0002	1	24	-	1	RH
S2C-UA 24 DC	2CSS200911R0007	1	-	24	1	RH
S2C-UA 110 AC	2CSS200911R0004	1	110	-	1	RH
S2C-UA 230 AC	2CSS200911R0005	1	230	-	1	RH
S2C-UA 400 AC	2CSS200911R0006	1	400	-	1	RH

Miniature Circuit Breakers

1.10 Accessories



Busbars for MCCBs Without Supplementary Devices

Type	Order Code	No of Ways	Connector Capacity mm ²	No. of Poles	Description
PS 1/60	2CDL210001R1060	60	10	1	1 Phase Insulated busbar60 way
PS 1/60/16	2CDL210001R1660	60	16	1	1 Phase Insulated busbar60 way
PS 2/58	2CDL220001R1058	58	10	2	2 Phase Insulated busbar58 way
PS 2/58/16	2CDL220001R1658	58	16	2	2 Phase Insulated busbar58 way
PS 3/60	2CDL230001R1060	60	10	3	3 Phase Insulated busbar60 way
PS 3/60/16	2CDL230001R1660	60	16	3	3 Phase Insulated busbar60 way

Motor Operating Devices (MDS)

Function: Allows for remote control (opening or closing) of the coupled device.

Suitable for MCBs S200 Series, RCCBs F200 Series, RCBOs DS201 and DS202C

Type	Order Code	Description	Supply Voltage (V)
S2C-CM1*	2CSS201997R0013	MDS forR1P S200 MCBs	12-30Vac; 12-48Vdc
S2C-CM2/3*	2CSS203997R0013	MDS forR2P and 3P S200 MCBs	12-30Vac; 12-48Vdc
S2C-CM4*	2CSS204997R0013	MDS forR4P S200 MCBs	12-30Vac; 12-48Vdc
F2C-CM*	2CSF200997R0013	MDS forR2P and 4P F200 RCCBs	12-30Vac; 12-48Vdc

Auto-reclosing Units (ARU)

Function: Allows for auto-reclosing of the coupled device in case of unwanted tripping.

Suitable for F200 RCCBs

Type	Order Code	Description	Supply Voltage (V)
F2C-ARI*	2CSF200996R0013	ARU forR2P and 4P F200 RCCBs	12-30Vac; 12-48Vdc
F2C-ARI30*	2CSF200995R0013	ARU forR2P and 4P F200 RCCBs (30")	12-30Vac; 12-48Vdc

Rotary Operating Mechanism and Key Lock

Function: For operating of MCB's in closed distribution boards.

Suitable for MCBs S200 Series

Type	Order Code	To Fit	Description	Units Per Package
S2C-DH*	GHS2001901R0003	S200	Bracket fits on left side of MCB	1
Pistol handle and shaft				
OX56X330	1SCA101661R1001	S2C-DH	6mm shaft For selector type handles, 330mm long	1
OHBS2AJ	1SCA105213R1001	S2C-DH	Selector Type Handle	1
Round Padlockable handle and shaft				
OX6X300	1SCA111933R1001	S2C-DH	For round padlockable type handles, 300mm long	1
OZ331SPB	1SCA112983R1001	S2C-DH	Round Padlockable handles	1

* S2C-DH rotary handle Mech requires a handle and shaft to be ordered separately

Locking Device for MCBs and Switches

Function: Prevents unauthorised or dangerous operation of the the operating lever. An adaptor makes it possible to block the operating lever from changing position whether in the ON or OFF position. The lever is blocked with an optional padlock having a crossbar section of 3 oR6 mm maximum.

Suitable for MCBs S200, S280 Series and for Switches E220 and E270

Type	Order Code	Description	Cross Bar (mm)	Units Per Package
SA 1	GJF1101903R0001	Locking device for MCB Handle	3	1
SA 1E	GJF1101903R0004	Locking device for MCB Handle	6	1
SA 3	GJF1101903R0003	Lock adaptor incl. padlock with 3 keys		1

* Contact ABB for availability



High Performance Miniature Circuit Breakers

1.11 Curve C and D 16kA – S800B Series

Miniature Circuit Breaker S800B (C-Curve / Curve 2) (Curve D / Curve 1) Icu=16 kA

Function: Protection and control of circuits against overloads and short-circuits when a high breaking capacity is required; protection for people and large cables in TN and IT systems.

Application: Domestic, commercial and industrial.

S801B Single Pole MCB 16kA Din Rail Mount (230V AC), C-Curve / Curve 2



Type	Order Code	No. of Poles (26.5 mm)	Rated Current (A)	Rated kA at 230 VAC (Icu)	Units Per Pack
S801B-C32	2CCS811001R0324	1	32	16	1
S801B-C40	2CCS811001R0404	1	40	16	1
S801B-C50	2CCS811001R0504	1	50	16	1
S801B-C63	2CCS811001R0634	1	63	16	1
S801B-C80	2CCS811001R0804	1	80	16	1
S801B-C100	2CCS811001R0824	1	100	16	1
S801B-C125	2CCS811001R0844	1	125	16	1

S802B Double Pole MCB 16kA Din Rail Mount (400V AC), C-Curve / Curve 2



Type	Order Code	No. of Poles (53 mm)	Rated Current (A)	Rated kA at 400 VAC (Icu)	Units Per Pack
S802B-C32	2CCS812001R0324	2	32	16	1
S802B-C40	2CCS812001R0404	2	40	16	1
S802B-C50	2CCS812001R0504	2	50	16	1
S802B-C63	2CCS812001R0634	2	63	16	1
S802B-C80	2CCS812001R0804	2	80	16	1
S802B-C100	2CCS812001R0824	2	100	16	1
S802B-C125	2CCS812001R0844	2	125	16	1

S803B Triple Pole MCB 16kA Din Rail Mount (400V AC), C-Curve / Curve 2



Type	Order Code	No. of Poles (79.5 mm)	Rated Current (A)	Rated kA at 400 VAC (Icu)	Units Per Pack
S803B-C32	2CCS813001R0324	3	32	16	1
S803B-C40	2CCS813001R0404	3	40	16	1
S803B-C50	2CCS813001R0504	3	50	16	1
S803B-C63	2CCS813001R0634	3	63	16	1
S803B-C80	2CCS813001R0804	3	80	16	1
S803B-C100	2CCS813001R0824	3	100	16	1
S803B-C125	2CCS813001R0844	3	125	16	1

S804B Four Pole MCB 16kA Din Rail Mount (400V AC), C-Curve / Curve 2



Type	Order Code	No. of Poles (106 mm)	Rated Current (A)	Rated kA at 400 VAC (Icu)	Units Per Pack
S804B-C32	2CCS814001R0324	4	32	16	1
S804B-C40	2CCS814001R0404	4	40	16	1
S804B-C50	2CCS814001R0504	4	50	16	1
S804B-C63	2CCS814001R0634	4	63	16	1
S804B-C80	2CCS814001R0804	4	80	16	1
S804B-C100	2CCS814001R0824	4	100	16	1
S804B-C125	2CCS814001R0844	4	125	16	1

High Performance Miniature Circuit Breakers

1.11 Curve C and D 16kA – S800B Series

Miniature Circuit Breaker S800B (C-Curve / Curve 2) (Curve D / Curve 1) Icu=16 kA

Function: Protection and control of circuits against overloads and short-circuits when a high breaking capacity is required; protection for people and large cables in TN and IT systems.

Application: Domestic, commercial and industrial.



S801B Single Pole MCB 16kA Din Rail Mount (230V AC), D-Curve / Curve 1

Type	Order Code	No. of Poles (26.5 mm)	Rated Current (A)	Rated kA at 230 VAC (Icu)	Units Per Pack
S801B-D32*	2CCS811001R0321	1	32	16	1
S801B-D40*	2CCS811001R0401	1	40	16	1
S801B-D50*	2CCS811001R0501	1	50	16	1
S801B-D63*	2CCS811001R0631	1	63	16	1
S801B-D80*	2CCS811001R0801	1	80	16	1
S801B-D100*	2CCS811001R0821	1	100	16	1
S801B-D125*	2CCS811001R0841	1	125	16	1



S802B Double Pole MCB 16kA Din Rail Mount (400V AC), D-Curve / Curve 1

Type	Order Code	No. of Poles (79.5 mm)	Rated Current (A)	Rated kA at 400 VAC (Icu)	Units Per Pack
S802B-D32*	2CCS812001R0321	2	32	16	1
S802B-D40*	2CCS812001R0401	2	40	16	1
S802B-D50*	2CCS812001R0501	2	50	16	1
S802B-D63*	2CCS812001R0631	2	63	16	1
S802B-D80*	2CCS812001R0801	2	80	16	1
S802B-D100	2CCS812001R0821	2	100	16	1
S802B-D125*	2CCS812001R0841	2	125	16	1

S803B Triple Pole MCB 16kA Din Rail Mount (400V AC), D-Curve / Curve 1

Type	Order Code	No. of Poles (79.5 mm)	Rated Current (A)	Rated kA at 400 VAC (Icu)	Units Per Pack
S803B-D32*	2CCS813001R0321	3	32	16	1
S803B-D40*	2CCS813001R0401	3	40	16	1
S803B-D50*	2CCS813001R0501	3	50	16	1
S803B-D63	2CCS813001R0631	3	63	16	1
S803B-D80	2CCS813001R0801	3	80	16	1
S803B-D100	2CCS813001R0821	3	100	16	1
S803B-D125	2CCS813001R0841	3	125	16	1

S804B Four Pole MCB 16kA Din Rail Mount (400V AC), D-Curve / Curve 1

Type	Order Code	No. of Poles (79.5 mm)	Rated Current (A)	Rated kA at 400 VAC (Icu)	Units Per Pack
S804B-D32*	2CCS814001R0321	4	32	16	1
S804B-D40*	2CCS814001R0401	4	40	16	1
S804B-D50*	2CCS814001R0501	4	50	16	1
S804B-D63*	2CCS814001R0631	4	63	16	1
S804B-D80	2CCS814001R0801	4	80	16	1
S804B-D100*	2CCS814001R0821	4	100	16	1
S804B-D125*	2CCS814001R0841	4	125	16	1

* Contact ABB for availability

High Performance Miniature Circuit Breakers

1.12 Curve C 36kA – S800N Series

Miniature Circuit Breaker S800N (C - Curve / Curve 2) Icu = 36kA

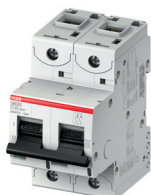
Function: Protection and control of circuits against overloads and short-circuits when a high breaking capacity is required; protection for people and large cables in TN and IT systems.

Application: Domestic, commercial and industrial.



S801N Single Pole MCB 36kA Din Rail Mount (230 VAC)

Type	Order Code	No. of Poles (26.5 mm)	Rated Current (A)	Rated kA at 230 VAC (Icu)	Rated kA at 230 VAC (Ics)	Units Per Pack
S801N-C10	2CCS891001R0104	1	10	36	30	1
S801N-C16	2CCS891001R0164	1	16	36	30	1
S801N-C20	2CCS891001R0204	1	20	36	30	1
S801N-C25	2CCS891001R0254	1	25	36	30	1
S801N-C32	2CCS891001R0324	1	32	36	30	1
S801N-C40	2CCS891001R0404	1	40	36	30	1
S801N-C50	2CCS891001R0504	1	50	36	30	1
S801N-C63	2CCS891001R0634	1	63	36	30	1
S801N-C80	2CCS891001R0804	1	80	36	30	1
S801N-C100	2CCS891001R0824	1	100	36	30	1
S801N-C125	2CCS891001R0844	1	125	36	30	1



S802N Double Pole MCB 36kA Din Rail Mount (400/690 VAC)

Type	Order Code	No. of Poles (53 mm)	Rated Current (A)	Rated kA at 415 VAC (Icu/Ics)	Rated kA at 690 VAC (Icu/Ics)	Units Per Pack
S802N-C10	2CCS892001R0104	2	10	36/30	4.5/3	1
S802N-C16	2CCS892001R0164	2	16	36/30	4.5/3	1
S802N-C20	2CCS892001R0204	2	20	36/30	4.5/3	1
S802N-C25	2CCS892001R0254	2	25	36/30	4.5/3	1
S802N-C32	2CCS892001R0324	2	32	36/30	4.5/3	1
S802N-C40	2CCS892001R0404	2	40	36/30	4.5/3	1
S802N-C50	2CCS892001R0504	2	50	36/30	4.5/3	1
S802N-C63	2CCS892001R0634	2	63	36/30	4.5/3	1
S802N-C80	2CCS892001R0804	2	80	36/30	4.5/3	1
S802N-C100	2CCS892001R0824	2	100	36/30	4.5/3	1
S802N-C125	2CCS892001R0844	2	125	36/30	4.5/3	1



S803N Triple Pole MCB 36kA Din Rail Mount (400/690 VAC)

Type	Order Code	No. of Poles (79.5 mm)	Rated Current (A)	Rated kA at 415 VAC (Icu/Ics)	Rated kA at 690 VAC (Icu/Ics)	Units Per Pack
S803N-C10	2CCS893001R0104	3	10	36/30	4.5/3	1
S803N-C16	2CCS893001R0164	3	16	36/30	4.5/3	1
S803N-C20	2CCS893001R0204	3	20	36/30	4.5/3	1
S803N-C25	2CCS893001R0254	3	25	36/30	4.5/3	1
S803N-C32	2CCS893001R0324	3	32	36/30	4.5/3	1
S803N-C40	2CCS893001R0404	3	40	36/30	4.5/3	1
S803N-C50	2CCS893001R0504	3	50	36/30	4.5/3	1
S803N-C63	2CCS893001R0634	3	63	36/30	4.5/3	1
S803N-C80	2CCS893001R0804	3	80	36/30	4.5/3	1
S803N-C100	2CCS893001R0824	3	100	36/30	4.5/3	1
S803N-C125	2CCS893001R0844	3	125	36/30	4.5/3	1

S804N Four Pole MCB 36kA Din Rail Mount (400/690 VAC)

Type	Order Code	No. of Poles (79.5 mm)	Rated Current (A)	Rated kA at 415 VAC (Icu/Ics)	Rated kA at 690 VAC (Icu/Ics)	Units Per Pack
S804N-C10*	2CCS894001R0104	4	10	36/30	4.5/3	1
S804N-C16*	2CCS894001R0164	4	16	36/30	4.5/3	1
S804N-C20	2CCS894001R0204	4	20	36/30	4.5/3	1
S804N-C25*	2CCS894001R0254	4	25	36/30	4.5/3	1
S804N-C32	2CCS894001R0324	4	32	36/30	4.5/3	1
S804N-C40*	2CCS894001R0404	4	40	36/30	4.5/3	1
S804N-C50*	2CCS894001R0504	4	50	36/30	4.5/3	1
S804N-C63*	2CCS894001R0634	4	63	36/30	4.5/3	1
S804N-C80*	2CCS894001R0804	4	80	36/30	4.5/3	1
S804N-C100	2CCS894001R0824	4	100	36/30	4.5/3	1
S804N-C125	2CCS894001R0844	4	125	36/30	4.5/3	1

Note:
Also available in B, D, K curve. Contact ABB for more information.
Icu/Ics rating according to IEC 60947-2

* Contact ABB for availability

High Performance Miniature Circuit Breakers

1.13 Curve C 50kA – S800S Series

Miniature Circuit Breaker S800S (C - Curve / Curve 2) Icu = 50kA

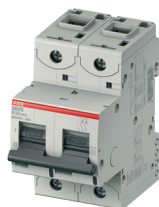
Function: Protection and control of circuits against overloads and short-circuits when a high breaking capacity is required; protection for people and large cables in TN and IT systems.

Application: Domestic, commercial and industrial.



S801S Single Pole MCB 50kA Din Rail Mount (230 VAC)

Type	Order Code	No. of Poles (26.5 mm)	Rated Current (A)	Rated kA at 230 VAC (Icu)	Rated kA at 230 VAC (Ics)	Units Per Pack
S801S-C10	2CCS861001R0104	1	10	50	40	1
S801S-C16	2CCS861001R0164	1	16	50	40	1
S801S-C20	2CCS861001R0204	1	20	50	40	1
S801S-C25	2CCS861001R0254	1	25	50	40	1
S801S-C32	2CCS861001R0324	1	32	50	40	1
S801S-C40	2CCS861001R0404	1	40	50	40	1
S801S-C50	2CCS861001R0504	1	50	50	40	1
S801S-C63	2CCS861001R0634	1	63	50	40	1
S801S-C80	2CCS861001R0804	1	80	50	40	1
S801S-C100	2CCS861001R0824	1	100	50	40	1
S801S-C125	2CCS861001R0844	1	125	50	40	1



S802S Double Pole MCB 50kA Din Rail Mount (400/690 VAC)

Type	Order Code	No. of Poles (53 mm)	Rated Current (A)	Rated kA at 415 VAC (Icu/Ics)	Rated kA at 690 VAC (Icu/Ics)	Units Per Pack
S802S-C10	2CCS862001R0104	2	10	50/40	6/4	1
S802S-C16	2CCS862001R0164	2	16	50/40	6/4	1
S802S-C20	2CCS862001R0204	2	20	50/40	6/4	1
S802S-C25	2CCS862001R0254	2	25	50/40	6/4	1
S802S-C32	2CCS862001R0324	2	32	50/40	6/4	1
S802S-C40	2CCS862001R0404	2	40	50/40	6/4	1
S802S-C50	2CCS862001R0504	2	50	50/40	6/4	1
S802S-C63	2CCS862001R0634	2	63	50/40	6/4	1
S802S-C80	2CCS862001R0804	2	80	50/40	6/4	1
S802S-C100	2CCS862001R0824	2	100	50/40	4.5/3	1
S802S-C125	2CCS862001R0844	2	125	50/40	4.5/3	1



S803S Triple Pole MCB 50kA Din Rail Mount (400/690 VAC)

Type	Order Code	No. of Poles (79.5 mm)	Rated Current (A)	Rated kA at 415 VAC (Icu/Ics)	Rated kA at 690 VAC (Icu/Ics)	Units Per Pack
S803S-C10	2CCS863001R0104	3	10	50/40	6/4	1
S803S-C16	2CCS863001R0164	3	16	50/40	6/4	1
S803S-C20	2CCS863001R0204	3	20	50/40	6/4	1
S803S-C25	2CCS863001R0254	3	25	50/40	6/4	1
S803S-C32	2CCS863001R0324	3	32	50/40	6/4	1
S803S-C40	2CCS863001R0404	3	40	50/40	6/4	1
S803S-C50	2CCS863001R0504	3	50	50/40	6/4	1
S803S-C63	2CCS863001R0634	3	63	50/40	6/4	1
S803S-C80	2CCS863001R0804	3	80	50/40	6/4	1
S803S-C100	2CCS863001R0824	3	100	50/40	4.5/3	1
S803S-C125	2CCS863001R0844	3	125	50/40	4.5/3	1

S804S Four Pole MCB 50kA Din Rail Mount (400/690 VAC)

Type	Order Code	No. of Poles (79.5 mm)	Rated Current (A)	Rated kA at 415 VAC (Icu/Ics)	Rated kA at 690 VAC (Icu/Ics)	Units Per Pack
S804S-C10*	2CCS864001R0104	4	10	50/40	6/4	1
S804S-C16*	2CCS864001R0164	4	16	50/40	6/4	1
S804S-C20*	2CCS864001R0204	4	20	50/40	6/4	1
S804S-C25*	2CCS864001R0254	4	25	50/40	6/4	1
S804S-C32*	2CCS864001R0324	4	32	50/40	6/4	1
S804S-C40*	2CCS864001R0404	4	40	50/40	6/4	1
S804S-C50*	2CCS864001R0504	4	50	50/40	6/4	1
S804S-C63*	2CCS864001R0634	4	63	50/40	6/4	1
S804S-C80*	2CCS864001R0804	4	80	50/40	6/4	1
S804S-C100	2CCS864001R0824	4	100	50/40	4.5/3	1
S804S-C125*	2CCS864001R0844	4	125	50/40	4.5/3	1

Note:

Also available in B, D, K curve. Contact ABB for more information. Icu/Ics rating according to IEC 60947-2

* Contact ABB for availability

High Performance Miniature Circuit Breaker

1.14 Accessories – Suitable for MCBs S800 Series

Signal / Auxiliary Contacts

Function: Indication of the position of the device's contacts and signaling of a fault (over current/short-circuit for MCBs) (module = 9mm width).



Type	Order Code	Description	Rated Current A	Mounting Position
S 800-AUX/ALT	2CCS800900R0021	Signal / Auxiliary switch (2 change over contacts)	6	LH

Auxiliary Contacts - Left-side Mounting

Function: Indication of the position of the device's contacts. (module = 9mm width).



Type	Order Code	Description	Rated Current A	Mounting Position
S 800-AUX	2CCS800900R0011	Auxiliary contact (2NO/2NC)	6	LH

Shunt Trip

Function: Remote opening of the device when a voltage is supplied.



Type	Order Code	No. of Poles (26.5 mm)	Voltage VAC	Voltage VDC	Units Per Package	Mounting Position
S800-SOR24	2CCS800900R0191	1	24	24	1	LH
S800-SOR130	2CCS800900R0221	1	48-130	48-130	1	LH
S800-SOR250	2CCS800900R0211	1	110-250	110-250	1	LH
S800-SOR400	2CCS800900R0231	1	220-400	220-400	1	LH

Under Voltage Releases

Function: Protection of the load in the event of a voltage drop (between 70% and 35% of its rated value). Positive safety emergency stop by means of a button.



Type	Order Code	No. of Poles (26.5 mm)	Voltage VAC	Voltage VDC	Units Per Package	Mounting Position
S800-UVR36	2CCS800900R0241	1	24-36	24-36	1	LH
S800-UVR60	2CCS800900R0251	1	48-60	48-60	1	LH
S800-UVR130	2CCS800900R0261	1	110-130	110-130	1	LH
S800-UVR250	2CCS800900R0271	1	220-250	220-250	1	LH

Busbars for MCBs S800 Series



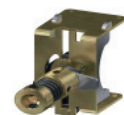
Type	Order Code	No. of Ways	Ampere (A)	No. of Poles	Description
S803-BB250	2CCS800900R0071	24	250	3	250A busbar - 2 end caps

Under Voltage Releases

Rotary Handle for 3 or 4 Pole



Type	Order Code	Description
S800-RD	2CCS800900R0041	Rotary drive adaptor for 3/4 pole S800
S800-RHE-H		
S800-RHE-S	1SDA060179R1	Extension shaft for rotary handle (500mm)
S800-RHE-H	1SDA060150R1	Rotary handle for door assembly
S800-RHE-S		
S800-RHE-H	1SDA060150R1	Rotary handle for door assembly
S800-RHE-S	1SDA060179R1	Extension shaft for rotary handle (500mm)



Locking Device for MCBs and Switches

Function: Prevents unauthorised or dangerous operation of the the operating lever. An adaptor makes it possible to block the operating lever from changing position whether in the ON or OFF position. The lever is blocked with an optional padlock having a crossbar



Type	Order Code	Description	Cross Bar mm	Units Per Package
S800-PLL	2CCS800900R0051	Padlock lever lock - 4mm hasp	4	1

Residual Current Devices

1.15 FGH201 and GSH201

FGH201: Earth Leakage Unit without Overload Protection

GSH201: Earth Leakage Unit with Overload Protection



**FGH201 Single Pole
and Neutral RCCB
Din Rail Mount
30mA 3kA**



**GSH201 Single Pole
and Neutral RCBO
Din Rail Mount
30mA 3kA**



FGH201 Single Pole and Neutral RCCB Din Rail Mount 30mA 3kA

Type	Order Code	No. of Poles (17.5 mm)	Rated Current (A)	Sensitivity (mA)	Withstand kA at 230/400 VAC (I _{na})	Units per pack
FGH201 AC-63/0.03	2TAZ225111R2630	1+N	63	30	3	1



GSH201 Single Pole and Neutral RCBO Din Rail Mount 30mA 3kA

Type	Order Code	No. of Poles (17.5 mm)	Rated Current (A)	Sensitivity (mA)	Withstand kA at 230/400 VAC (I _{na})	Units per pack
GSH201 AC-C63/0.03	2TAZ220111R2634	1+N	63	30	3	1

Residual Current Devices

1.16 FH200 F200 and DDA200

Residual Current Devices (ELCB) - RCCBs

Residual Current Devices 'Earth Leakage' F 200 AC Type without Overload Protection

Function: Protection against the effects of sinusoidal alternating earth fault currents, protection against indirect contacts and additional protection against direct (with $I_{\Delta n} = 30\text{mA}$) contacts, command and isolation of resistive and inductive circuits.

Application: Residential, commercial and industrial.

FH202 Single Pole and Neutral RCCB Din Rail Mount 30mA 6kA

Type	Order Code	No. of Poles (35 mm)	Rated Current (A)	Sensitivity (mA)	Withstand kA at 230 VAC (Ina)	Units Per Package
FH202 AC-63/0.03	2CSF202006R1630	2	63	30	6	1

F202 Single Pole and Neutral RCCB Din Rail Mount 30mA 10kA

Type	Order Code	No. of Poles (35 mm)	Rated Current (A)	Sensitivity (mA)	Withstand kA at 230 VAC (Inc)	Units Per Package
F202 AC - 63/0.03	2CSF202005R1630	2	63	30	10	1

F204 Triple Pole and Neutral RCCB Din Rail Mount 30mA 10kA

Type	Order Code	No. of Poles (72 mm)	Rated Current (A)	Sensitivity (mA)	Withstand kA at 400 VAC (Inc)	Units Per Package
F204 AC - 63/0.03	2CSF204005R1630	4	63	30	10	1

Note:

All RCCBs must be backed up by suitable short circuit devices
Accessories cannot be fitted / added to RCCBs

Residual Current Devices 'BLOCKS' DDA 200 Series AC Type

Function: RCD-block for assembly on site with MCBs S200 series. Protection against the effects of sinusoidal alternating earth fault currents, protection against indirect contacts and additional protection against direct (with $I_{\Delta n} = 30\text{mA}$) contacts.

Application: Residential, commercial and industrial

Suitability: S200 Series

DDA202 AC

Type	Order Code	No. of Poles	Rated Current (A)	Sensitivity (mA)	Units Per Package	Width (mm)
DDA202 AC-63/0.03	2CSB202001R1630	2	63	30	1	70

DDA203 AC

Type	Order Code	No. of Poles	Rated Current (A)	Sensitivity (mA)	Units Per Package	Width (mm)
DDA203 AC-63/0.03	2CSB203001R1630	3	63	30	1	122

DDA204 AC

Type	Order Code	No. of Poles	Rated Current (A)	Sensitivity (mA)	Units Per Package	Width (mm)
DDA204 AC-63/0.03	2CSB204001R1630	4	63	30	1	139.5

Note:

DDA 200 series are also available in 100, 300, 500, 1000 and 2000 mA sensitivities.
Contact ABB for more information and availability.
DDA200 can be used with S200, S200M and S200P. Also suitable for curve B, C, D, K

Residual Current Devices and Toroidal Transformers

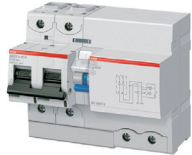
1.17 DS800, RD3 and ELR Series

Residual Current Devices (ELCB) - RCBOs

Residual Current Devices 'Earth Leakage With Overload' DS800 A-AP-R Type (C - Curve/Curve 2)

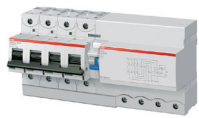
Function: Protection against overload and short-circuit currents, protection against the effects of sinusoidal alternating earth fault currents, protection against indirect contacts and additional protection against direct ($I_{\Delta n}=30\text{mA}$) contacts, command and isolation of resistive and inductive circuits.

Application: Commercial and industrial.



DS802N A-AP-R Type Double Pole RCBO (Icu = 36kA) Din Rail Mount

Type	Order Code	No. of Poles (133.5 mm)	Rated Current (A)	Sensitivity (mA)	Rated kA at 415 VAC (Icu/Ics)	Rated kA at 690 VAC (Icu/Ics)
DS802N-C125/0.03AP-R	2CCB892004R0844	2	125	30	36/30	4.5/3



DS804N A-AP-R Type Four Pole RCBO (Icu = 36kA) Din Rail Mount

Type	Order Code	No. of Poles (223 mm)	Rated Current (A)	Sensitivity (mA)	Rated kA at 415 VAC (Icu/Ics)	Rated kA at 690 VAC (Icu/Ics)
DS804N-C125/0.03AP-R	2CCB894004R0844	4	125	30	36/30	4.5/3



Function: The RD3 family of electronic residual current relays provides residual current protection and monitoring function, according to IEC / EN 60967-2: 2006 annex M and can be used in conjunction with S200 and Tmax range.

Application: Industrial.

RD3

Type	Order Code	Operating Voltage	Sensitivity Settings $I_{\Delta n}$	Tripping Time Setting Δt
RD3-48	2CSJ201001R0001	12-48 Vac/Vdc		
RD3	2CSJ201001R0002	230-400 Vac	0.03-0.1-0.3-0.5-1-2-3-5-	0-0.06-0.2-0.3-0.5
RD3 P	2CSJ203001R0002	230-400 Vac	10-30A	1-2-3-5-10s

Residual Current Devices and Toroidal Transformers

1.17 DS800, RD3 and ELR Series

Function: The ELR family of electronic residual current relays provides residual current protection and monitoring function, according to IEC / EN 60967-2: 2006 annex M and can be used in conjunction with S200 and Tmax range.

Application: Industrial.



ELR

Type	Order Code	Operating voltage	Sensitivity Settings $I\Delta n$	Tripping Time Setting Δt
ELR48P*	2CSG252211R1202	110 V a.c./d.c. - 230 V a.c.		
ELR48V24P*	2CSG452211R1202	24 - 48 V a.c./d.c.		
ELR72	2CSG252120R1202	110 V a.c./d.c. - 230 V a.c.		
ELR72P	2CSG152424R1202	110 V a.c./d.c. - 230 V a.c.		
ELR72V24P	2CSG452424R1202	24 - 48 V a.c./d.c.	0.03-0.1-0.3- 0.5-1-2-3-5- 10-30A	0-0.06-0.2-0.3- 0.5-1-2-3-5-10s
ELR96	2CSG152130R1202	110 V a.c./d.c. - 230 V a.c.		
ELR96P	2CSG152434R1202	110 V a.c./d.c. - 230 V a.c.		
ELR96V24	2CSG452130R1202	24 - 48 V a.c./d.c.		
ELR96PF	2CSG152435R1202	110, 230, 400 V a.c.		
ELR96PD	2CSG152436R1202	110, 230, 400 V a.c.		

* Contact ABB for availability



Toroidal Transformers- for use with RD3 & ELR

Type	Order Code	Diameter mm	Units per Package
TRM	2CSM029000R1211	35	1
TR1	2CSG035100R1211	35	1
TR2	2CSG060100R1211	60	1
TR3	2CSG080100R1211	80	1
TR4	2CSG110100R1211	110	1
TR160	2CSG160100R1211	160	1
TR5	2CSG210100R1211	210	1
TR4/A	2CSG110200R1211	110 Openable	1
TR160 A	2CSG160200R1211	160 Openable	1
TR5/A	2CSG210200R1211	210 Openable	1

Other Modular Devices

1.18 ESB..N and EN..N Installation Contactors






ABB offers a complete range of equipment for controlling, remote switching and protecting electrical installations in buildings as hotels, hospitals, shopping centers, office centers and domestic applications.

ABB's hum-free installation contactor designs now offer a wider range of ratings from 16 A to 100 A. Widely used in buildings for switching and controlling lighting, heating, ventilation, motor and pumps, the installation contactors take noise reduction to a new level. With an innovative AC / DC coil design that eliminates hum, a broad selection of common accessories as well as manual and automatic versions, installation contactors offer peace of mind in noise-sensitive applications.

ESB..N series is providing the following benefits:

- Hum-free operation, low power consumption and integrated overvoltage protection.
- Various contact combinations and accessories are available.

Modular Contactors AC/DC Operated

Type	Order Code	Rated Current (AC1)	Coil Voltage (V AC/DC)	No. of NO Contacts	No. of NC Contacts	
 ESB16..N	ESB16-20N-01	1SBE11111R0120	16	24	2	0
	ESB16-20N-06	1SBE11111R0620	16	230	2	0
	ESB16-02N-01	1SBE11111R0102	16	24	0	2
	ESB16-02N-06	1SBE11111R0602	16	230	0	2
	ESB16-11N-01	1SBE11111R0111	16	24	1	1
	ESB16-11N-06	1SBE11111R0611	16	230	1	1
 ESB25..N	ESB20-20N-01	1SBE12111R0120	20	24	2	0
	ESB20-20N-06	1SBE12111R0620	20	230	2	0
	ESB20-02N-01	1SBE12111R0102	20	24	0	2
	ESB20-02N-06	1SBE12111R0602	20	230	0	2
	ESB20-11N-01	1SBE12111R0111	20	24	1	1
	ESB20-11N-06	1SBE12111R0611	20	230	1	1
 ESB40..N	ESB25-40N-01	1SAE23111R0140	25	24	4	0
	ESB25-40N-06	1SAE23111R0640	25	230 ... 240	4	0
	ESB25-04N-01	1SAE23111R0104	25	24	0	4
	ESB25-04N-06	1SAE23111R0604	25	230 ... 240	0	4
	ESB25-22N-01	1SAE23111R0122	25	24	2	2
	ESB25-22N-06	1SAE23111R0622	25	230 ... 240	2	2
 ESB63..N	ESB25-31N-01	1SAE23111R0131	25	24	3	1
	ESB25-31N-06	1SAE23111R0631	25	230 ... 240	3	1
	ESB25-13N-01	1SAE23111R0113	25	24	1	3
	ESB25-13N-06	1SAE23111R0613	25	230 ... 240	1	3
	ESB25-30N-06	1SAE23111R0630	25	230 ... 240	3	0
	 ESB100-40N	ESB40-40N-01	1SAE34111R0140	40	24	4
ESB40-40N-06		1SAE34111R0640	40	230	4	0
ESB40-22N-01		1SAE34111R0122	40	24	2	2
ESB40-22N-06		1SAE34111R0622	40	230	2	2
ESB40-31N-01		1SAE34111R0131	40	24	3	1
ESB40-31N-06		1SAE34111R0631	40	230	3	1
	ESB40-30N-01	1SAE34111R0130	40	24	3	0
	ESB40-30N-06	1SAE34111R0630	40	230	3	0
	ESB40-20N-01	1SAE34111R0120	40	24	2	0
	ESB40-20N-06	1SAE34111R0620	40	230	2	0
	ESB63-40N-01	1SAE35111R0140	63	24	4	0
	ESB63-40N-06	1SAE35111R0640	63	230	4	0
	ESB63-31N-06	1SAE35111R0631	63	230	3	1
	ESB63-30N-06	1SAE35111R0630	63	230	3	0
	ESB63-20N-01	1SAE35111R0120	63	24	2	0
	ESB63-20N-06	1SAE35111R0620	63	230	2	0
	ESB100-40N-01	1SAE66111R0140	100	24	4	0
	ESB100-40N-06	1SAE66111R0640	100	230	4	0
	ESB100-20N-01	1SAE36111R0120	100	24	2	0
	ESB100-20N-06	1SAE36111R0620	100	230	2	0

Other Modular Devices

1.18 ESB..N and EN..N Installation Contactors

The EN2..N installation contactors are used to control single-phase loads up to 40 A and can be operated by AC or DC voltages. They have a built-in toggle switch to be operated manually or automatically. These contactors are made for use in industrial environment as well as in domestic applications.

ESB..N series is providing the following benefits:

- Hum-free operation, low power consumption and integrated overvoltage protection.
- Various contact combinations and accessories are available.

Modular Contactors AC/DC Operated

Type	Order Code	Rated Current (AC1)	Coil Voltage (V AC/DC)	No. of NO Contacts	No. of NC Contacts
EN20-20N-01*	1SBE122111R0120	20	24	2	0
EN20-20N-06*	1SBE122111R0620	20	230	2	0
EN25-40N-01*	1SAE232111R0140	25	24	4	0
EN25-40N-06*	1SAE232111R0640	25	230 ... 240	4	0
EN25-31N-01*	1SAE232111R0131	25	24	3	1
EN25-31N-06*	1SAE232111R0631	25	230 ... 240	3	1
EN25-30N-06*	1SAE232111R0630	25	230 ... 240	3	0
EN40-40N-01*	1SAE342111R0140	40	24	4	0
EN40-40N-06*	1SAE342111R0640	40	230	4	0
EN40-31N-01*	1SAE342111R0131	40	24	3	1
EN40-31N-06*	1SAE342111R0631	40	230	3	1
EN40-30N-06*	1SAE342111R0630	40	230	3	0
EN40-20N-06*	1SAE342111R0620	40	230	2	0



EN20..N



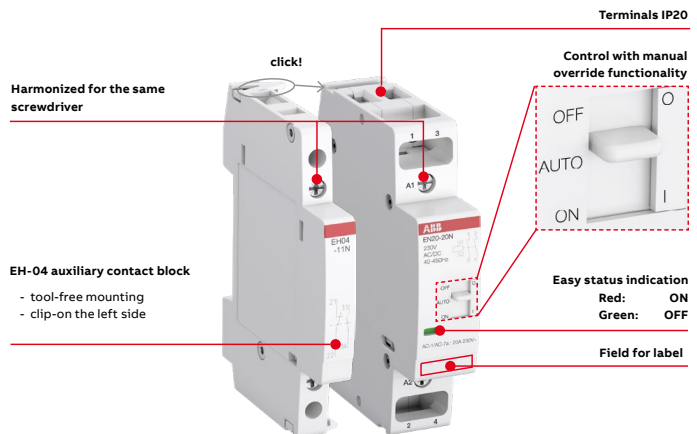
EN40..N

* Contact ABB for availability

ESB..N & EN..N auxiliary contact blocks

Type	Order Code	Description
EH04-11N	1SAE901901R1011	1NO+1NC auxiliary contact blocks for ESB..N and EN..N
EH04-20N	1SAE901901R1020	2NO auxiliary contact blocks for ESB..N and EN..N

ABB's installation contactors come with many features that make installation and maintenance easier. The mechanical Indicator with green and red color for status indication ensures a quick diagnostic of the system. Also, some speciality types feature a manual override functionality with a toggle switch to control independently from control source. Accessories can be mounted tool-free on the contactor, for example auxiliaries, space holders as well as security and safety covers.



Other Modular Devices

1.19 Signalling Devices, Time Switches and Load Control

AG Timer electro-mechanical time switches- These analog timers are designed for installation on DIN-rail.

Digital weekly time switch - DW1 and DW2 are weekly digital time switches with 1 and 2 channels.



AG Timer electro-mechanical time switches (230VAC, 16A Resistive Load)

Type	Order Code	Description	No. of Modules	Running reserve(h)
AD1NO-15m	2CSM222471R1000	Daily time switch without reserve, 1NO	1	
AD1NO-R-15m	2CSM222461R1000	Daily time switch, running reserve, 1NO	1	100
AD1CO-30m	2CSM222451R1000	Daily time switch without reserve, 1NO/NC	2	
AD1CO-R-30m	2CSM222441R1000	Daily time switch, running reserve, 1NO/NC	2	150
AW1CO-R-210m	2CSM222431R1000	Weekly time switch, running reserve, 1NO/1NC	2	150



DBT Timer digital time switches (230 VAC, 16A Resistive Load)

Type	Order Code	Description	No. of Modules	Running reserve(h)
DW1	2CSM222531R1000	DW1 Weekly digital time switch 1 x CO, 6yr power reserve with Bluetooth communication	2	6
DW2	2CSM222521R1000	DW2 Weekly digital time switch 2 x CO, 6yr power reserve with Bluetooth communication	2	6

Modular Din Rail Components (MDRCs)

Application: Buildings, both residential and commercial.



Load management relay - LCR

Type	Order Code	Description
32A	2CSM229901R1311	LCR Load management relay

E450 Priority Switch

Type	Order Code	Description
E 451 - 5.7A	2CDE16000R0901	6.7 to 39A Priority switch for pneumatically controlled flow type heaters
E 452 - 5.7A	2CDE160010R0901	6.7 to 39A Priority switch for electronically controlled flow type heaters

E217 Luminous Pushbuttons (250VAC, 16A)

Type	Order Code	No. of Poles (9 mm)	LED Colour	Contacts	LED Voltage Range	Units Per Package
E217-16-10B	2CCA703160R0001	1	White	1NO	115 - 250VAC	10
E217-16-10C	2CCA703161R0001	1	Red	1NO	115 - 250VAC	10
E217-16-10D	2CCA703162R0001	1	Green	1NO	115 - 250VAC	10
E217-16-10E	2CCA703163R0001	1	Yellow	1NO	115 - 250VAC	10
E217-16-10G	2CCA703164R0001	1	Blue	1NO	115 - 250VAC	10
E217-16-01B	2CCA703250R0001	1	White	1NC	115 - 250VAC	10
E217-16-01C	2CCA703251R0001	1	Red	1NC	115 - 250VAC	10
E217-16-01D	2CCA703252R0001	1	Green	1NC	115 - 250VAC	10
E217-16-01E	2CCA703253R0001	1	Yellow	1NC	115 - 250VAC	10
E217-16-01G	2CCA703254R0001	1	Blue	1NC	115 - 250VAC	10

E219 Indicator Lights With LED

Type	Order Code	No. of Poles (9 mm)	LED Colour	LED Voltage Range	Weight 1 pc/kg	Units Per Package
E219-B220	2CCA703400R0001	1	White	115 - 250VAC	0.04	10
E219-C220	2CCA703401R0001	1	Red	115 - 250VAC	0.04	10
E219-D220	2CCA703402R0001	1	Green	115 - 250VAC	0.04	10
E219-E220	2CCA703403R0001	1	Yellow	115 - 250VAC	0.04	10
E219-G220	2CCA703404R0001	1	Blue	115 - 250VAC	0.04	10
E219-3CDE	2CCA703902R0001	1	Red, Yellow and Green	115-250VAC	0.044	10

Surge Protection Devices

1.20 OVR Series

Surge Protection Devices

Function: Provide incoming protection for electrical and electronic equipment against over-voltage and impulse currents such as switching and lightning surges.

Application: Residential, commercial and industrial.



Class 2/3 - I_{max} (8/20): 20kA

Type	Order Code	No. of Poles	Total Width mm	Maximum Discharge Current (kA)	Nominal Voltage (V) (Un)	Maximum Operating Voltage (V) (L-N)	Aux Contact End of Life Signal
OVR T2 20 275	2CTB804200R1100	1	17.5	20	230	275	No
OVR T2-T3 20-440 P QS	2CTB803871R1100	1	17.5	20	230	440	No
OVR T2-T3 1N 20-275 P QS	2CTB803972R1200	1+N	35	20	230	275	No
OVR T2-T3 3N 20-275 P QS	2CTB803973R1200	3+N	70	20	230	275	No
OVR T2-T3 3N 20-440 P QS	2CTB803973R1300	3+N	70	20	230	440	No



Class 2 - I_{max} (8/20): 40kA and 80kA

Type	Order Code	No. of Poles	Total Width mm	Maximum Discharge Current (kA)	Nominal Voltage (V) (Un)	Maximum Operating Voltage (V) (L-N)	Aux Contact End of Life Signal
OVR T2 40 275	2CTB804201R1100	1	17.5	40	230	275	No
OVR T2 40-440 P QS	2CTB803871R1200	1	17.5	40	230	440	No
OVR T2 1N 40-275 P QS	2CTB803972R1100	1+N	35	40	230	275	No
OVR T2 3N 40-275 P QS	2CTB803973R1100	3+N	70	40	230	275	No
OVR T2 3N 40-275 P TS QS	2CTB803973R0500	3+N	70	40	230	440	Yes
OVR T2 3N 40-440 P QS	2CTB803973R1400	3+N	70	40	230	440	No
OVR T2 80-275s P QS	2CTB851708R1200	1	17.5	80	230	275	No
OVR T2 80-440s P QS	2CTB851708R4100	1	17.5	80	230	440	No
OVR T2 3N 80-275s P QS	2CTB851708R2000	3+N	70	80	230	275	No
OVR T2 3N 80-440s P QS	2CTB851708R4900	3+N	70	80	230	440	No



Class 1/2 I_{max} (8/20): - I_{imp} (10/350): 12.5kA

Type	Order Code	No. of Poles	Total Width mm	Impulse Current Limp 10/350 kA	Nominal Voltage (V) (Un)	Max Operating Voltage (V) (L-N)	Voltage Protection Level Up (kV)	Aux Contact End of Life Signal
Max Discharge Current (kA) 80								
OVR T1-T2 1N 12.5-275s P QS	2CTB815710R1300	1+N	35	12.5	230	275	1.3	No
OVR T1-T2 3N 12.5-275s P QS	2CTB815710R1900	3+N	70	12.5	230	275	1.3	No
OVR T1-T2 3N 12.5-275s P TS QS	2CTB815710R0700	3+N	70	12.5	230	275	1.3	Yes



Type	Order Code	Protected lines	Impulse current	Max. discharge current	Nominal current In	Voltage protection	Max. cont. operating voltage (U _{cpv})
OVR T1-T2 12.5-275s P QS	2CTB815710R1200	1	12.5	80		1.4	230
Type T1-T2 PV							
OVR PV T1-T2 5-1000 P QS	2CTB812050R1000	1+1	5	40	20	3.8/3.8	1100
OVR PV T1-T2 5-1000 P TS QS	2CTB812051R1000	1+1	5	40	20	3.8/3.8	1100
OVR PV T1-T2 5-1500 P QS	2CTB812050R1500	1+1	5	30	20	5/5	1500
OVR PV T1-T2 5-1500 P TS QS	2CTB812051R1500	1+1	5	30	20	5/6	1500
Type T2 PV - Uc 1000 V DC							
OVR PV T2 40-1000 P	2CTB802400R1000	1+1		40	20	4	1000
OVR PV T2 40-1000 P TS	2CTB802401R1000	1+1		40	20	4	1000
Type T2 PV - Uc 1500 V DC							
OVR PV T2 40-1500 P	2CTB802400R1500	1+1		40	15	5	1500
OVR PV T2 40-1500 P TS	2CTB802401R1500	1+1		40	10	5	1500



Din Rail Products for Photovoltaic Applications

1.21 Fuse Disconnectors & Surge Protection Devices



Fuse Holders for Photovoltaic Networks (1000V)

Type	Order Code	No. of	Rated	Rated	Fuse	Blown
E 91/32 PV	2CSM204713R1801	1	32	1000VDC	10 x 38	No
E 91/32 PVs	2CSM204693R1801	1	32	1000VDC	10 x 38	Yes
E 92/32 PV	2CSM204703R1801	2	32	1000VDC	10 x 38	No
E 92/32 PVs	2CSM256913R1801	2	32	1000VDC	10 x 38	Yes



E9F PV 1500 V DC 10x85 mm fuses - Photovoltaic Networks

Type	Order Code	No. of	Rated	Rated	Weight 1 pc/kg	Units Per Package
E91/32 PV1500	2CSM205245R1801	1	30	1500VDC	0,09	5



Type	Order Code	Protected lines	Impulse current	Max. discharge current	Nominal current In	Voltage protection	Max. cont. operating voltage (Ucpv)
OVR T1-T2 12.5-275s P QS	2CTB815710R1200	1	12.5	80		1.4	230
Type T1-T2 PV							
OVR PV T1-T2 5-1000 P QS	2CTB812050R1000	1+1	5	40	20	3.8/3.8	1100
OVR PV T1-T2 5-1000 P TS QS	2CTB812051R1000	1+1	5	40	20	3.8/3.8	1100
OVR PV T1-T2 5-1500 P QS	2CTB812050R1500	1+1	5	30	20	5/5	1500
OVR PV T1-T2 5-1500 P TS QS	2CTB812051R1500	1+1	5	30	20	5/6	1500
Type T2 PV - Uc 1000 V DC							
OVR PV T2 40-1000 P	2CTB802400R1000	1+1		40	20	4	1000
OVR PV T2 40-1000 P TS	2CTB802401R1000	1+1		40	20	4	1000
Type T2 PV - Uc 1500 V DC							
OVR PV T2 40-1500 P	2CTB802400R1500	1+1		40	15	5	1500
OVR PV T2 40-1500 P TS	2CTB802401R1500	1+1		40	10	5	1500



Class 1/2 - PV Surge Protective Devices - Photovoltaic Networks

Type	Order Code	No. of Poles	Total Width mm	Max discharge current I _{max} 8/20 kA	Impulse current I _{imp} 10/350 kA	Voltage protection level U _p kV	Max. continuous operating voltage U _{cpv} V
ESP DC550/12.5/PV	7TCA085460R0147	2	72	20	12.5	1.7	550
ESP DC1000/12.5/PV	7TCA085460R0146	2	72	20	12.5	2.4	1000



Din Rail Products for Photovoltaic Applications

1.21 Switch Disconnectors



S800PV-M-H Two Pole photovoltaic switch disconnectors

Type	Order Code	No. of poles	Rated current	Units Per Package
S802PV-M32-H	2CCP247204R0001	2	32	1
S802PV-M63-H	2CCP247205R0001	2	63	1
S802PV-M100-H	2CCP247212R0001	2	100	1



S800PV-SD Two Pole photovoltaic switch disconnectors

Type	Order Code	No. of poles	Rated current	Units Per Package
S803PV-SD32	2CCF019635R0001	2	32	1
S803PV-SD63	2CCF019634R0001	2	63	1
S803PV-SD125	2CCF019636R0001	2	125	1



S800PV-SD Three Pole photovoltaic switch disconnectors

Type	Order Code	No. of poles	Rated current	Units Per Package
S803PV-SD32	2CCF019637R0001	3	32	1
S803PV-SD63	2CCF019638R0001	3	63	1
S803PV-SD125	2CCF019639R0001	3	125	1



S800PV-SD Four Pole photovoltaic switch disconnectors

Type	Order Code	No. of poles	Rated current	Units Per Package
S804PV-SD32	2CCF019640R0001	4	32	1
S804PV-SD63	2CCF019641R0001	4	63	1
S804PV-SD125	2CCF019642R0001	4	125	1

Din Rail Products for Photovoltaic Applications

1.21 Miniature Circuit Breakers

S800PV series with cage terminal, B characteristic

Function: protection and control of photovoltaic strings against overloads, short-circuits



S800PV-SP Two Pole MCB Din Rail Mount

Type	Order Code	No. of Poles	Rated Current	Units Per Pack
S802PV-SP5*	2CCF019596R0001	2	5	1
S802PV-SP6*	2CCF019643R0001	2	6	1
S802PV-SP8*	2CCF019644R0001	2	8	1
S802PV-SP10*	2CCF019597R0001	2	10	1
S802PV-SP13*	2CCF019598R0001	2	13	1
S802PV-SP16*	2CCF019599R0001	2	16	1
S802PV-SP20*	2CCF019600R0001	2	20	1
S802PV-SP25*	2CCF019601R0001	2	25	1
S802PV-SP32*	2CCF019602R0001	2	32	1
S802PV-SP40*	2CCF019603R0001	2	40	1
S802PV-SP50*	2CCF019604R0001	2	50	1
S802PV-SP63*	2CCF019605R0001	2	63	1
S802PV-SP80*	2CCF019606R0001	2	80	1
S802PV-SP100*	2CCF019607R0001	2	100	1
S802PV-SP125*	2CCF019608R0001	2	125	1



S800PV-SP Three Pole MCB Din Rail Mount

Type	Order Code	No. of Poles	Rated Current	Units Per Pack
S803PV-SP5*	2CCF019609R0001	3	5	1
S803PV-SP6*	2CCF019645R0001	3	6	1
S803PV-SP8*	2CCF019646R0001	3	8	1
S803PV-SP10*	2CCF019610R0001	3	10	1
S803PV-SP13*	2CCF019611R0001	3	13	1
S803PV-SP16*	2CCF019612R0001	3	16	1
S803PV-SP20*	2CCF019613R0001	3	20	1
S803PV-SP25*	2CCF019614R0001	3	25	1
S803PV-SP32*	2CCF019615R0001	3	32	1
S803PV-SP40*	2CCF019616R0001	3	40	1
S803PV-SP50*	2CCF019617R0001	3	50	1
S803PV-SP63*	2CCF019618R0001	3	63	1
S803PV-SP80*	2CCF019619R0001	3	80	1
S803PV-SP100*	2CCF019620R0001	3	100	1
S803PV-SP125*	2CCF019621R0001	3	125	1



S800PV-SP Four Pole MCB Din Rail Mount

Type	Order Code	No. of Poles	Rated Current	Units Per Pack
S804PV-SP5	2CCF019586R0001	4	5	1
S804PV-SP6	2CCF019647R0001	4	6	1
S804PV-SP8	2CCF019648R0001	4	8	1
S804PV-SP10	2CCF019622R0001	4	10	1
S804PV-SP13	2CCF019623R0001	4	13	1
S804PV-SP16	2CCF019624R0001	4	16	1
S804PV-SP20	2CCF019625R0001	4	20	1
S804PV-SP25	2CCF019626R0001	4	25	1
S804PV-SP32	2CCF019627R0001	4	32	1
S804PV-SP40	2CCF019628R0001	4	40	1
S804PV-SP50	2CCF019629R0001	4	50	1
S804PV-SP63	2CCF019630R0001	4	63	1
S804PV-SP80	2CCF019631R0001	4	80	1
S804PV-SP100	2CCF019632R0001	4	100	1
S804PV-SP125	2CCF019633R0001	4	125	1

* Contact ABB for availability

Miniature Circuit Breakers

1.22 Coordination Tables – Cascading

MCB - MCB @ 415 V

		Supply S.		S200	S200M	S200P	S280	
		Char.		B-C	B-C	B-C	B-C	
Load S.		Icu [kA]	10		15	25	15	6
			In [A]	0.5..63	0.5..63	0.5..25	32..63	80, 100
S200	B,C,K,Z	10	0.5..63		15	25	15	
S200M	B,C	15	0.5..63			25		
S200P	B,C, D,K,Z	25	0.5..25					
		15	32..63					

MCCB - MCB @ 415 V

		Supply s.		XT1	XT2	XT3	XT4	XT1	XT2	XT3	XT4	XT1	XT2	XT4	XT2	XT4	XT2	XT4		
		Version		B	C	N		S				H		L		V				
Load s.	Charat.	In [A]	Icu [kA]	18	25	36		50				70		120		150				
S200	B, C, K, Z	0.5..10	10	18	25	30	36	36	30	36	40	40	30	40	40	40	30	40	30	
		13..63						16			16									
S200M	B, C, D, K, Z	0.5..10	15	18	25	30	36	36	30	50	40	40	30	70	40	40	30	40	30	
		13..63						25			25				60	40	40	30	40	40
S200P	B, C, D, K, Z	0.5..10	25			30	36	36	30	50	40	40	30	70	40	60	30	60	30	
		13..25						30	36	30	36	30	50	30	40	30	60	40	40	30
		32..63		15	18	25	30	36	25	36	30	50	25	40	30	60	40	40	30	40
S800N	B, C, D	6..125	36					50	50	50	50	70	70	70	120	120	150	150		
S800S	B, C, D, K	6..125	50									70	70	70	120	120	150	150		
S800C	B, C, D, K	10..125		36	36	36	36	50	50	50	50	70	70	70	120	120	150	150		

XT – S800B @ 230/400 V

		Supply s.		XT1	XT1	XT1	XT2	XT3	XT4	XT1	XT2	XT3	XT4	XT1	XT2	XT4	XT2	XT4	XT2	XT4
		Version		B	C	N		S				H		L		V				
Load s.	Char.	In [A]	Icu [kA]	18	25	36		50				70		120		150				
S800B	B, C	32...100	16	18	25	36	36	36	50	50	50	50	70	70	70	120	120	150	150	
	D, K	125*		18	25	36	36	36	50	50	50	50	70	70	70	120	120	150	150	

S800B – S200 @ 230/400 V

		Supply s.		S800B																	
		Char.		B, C, D, K																	
Load s.		Icu [kA]																			
			In [A]	32	40	50	63	80	100	125*											
S200	C, D, K, Z	10	0.5...6	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	
			8	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	
			10	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16
			13	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16
			16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16
			20	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16
			25		16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16
			32			16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16
			40				16	16	16	16	16	16	16	16	16	16	16	16	16	16	16
			50					16	16	16	16	16	16	16	16	16	16	16	16	16	16
			63						16	16	16	16	16	16	16	16	16	16	16	16	16

Miniature Circuit Breakers

1.23 Characteristic Tripping Curve Diagrams

