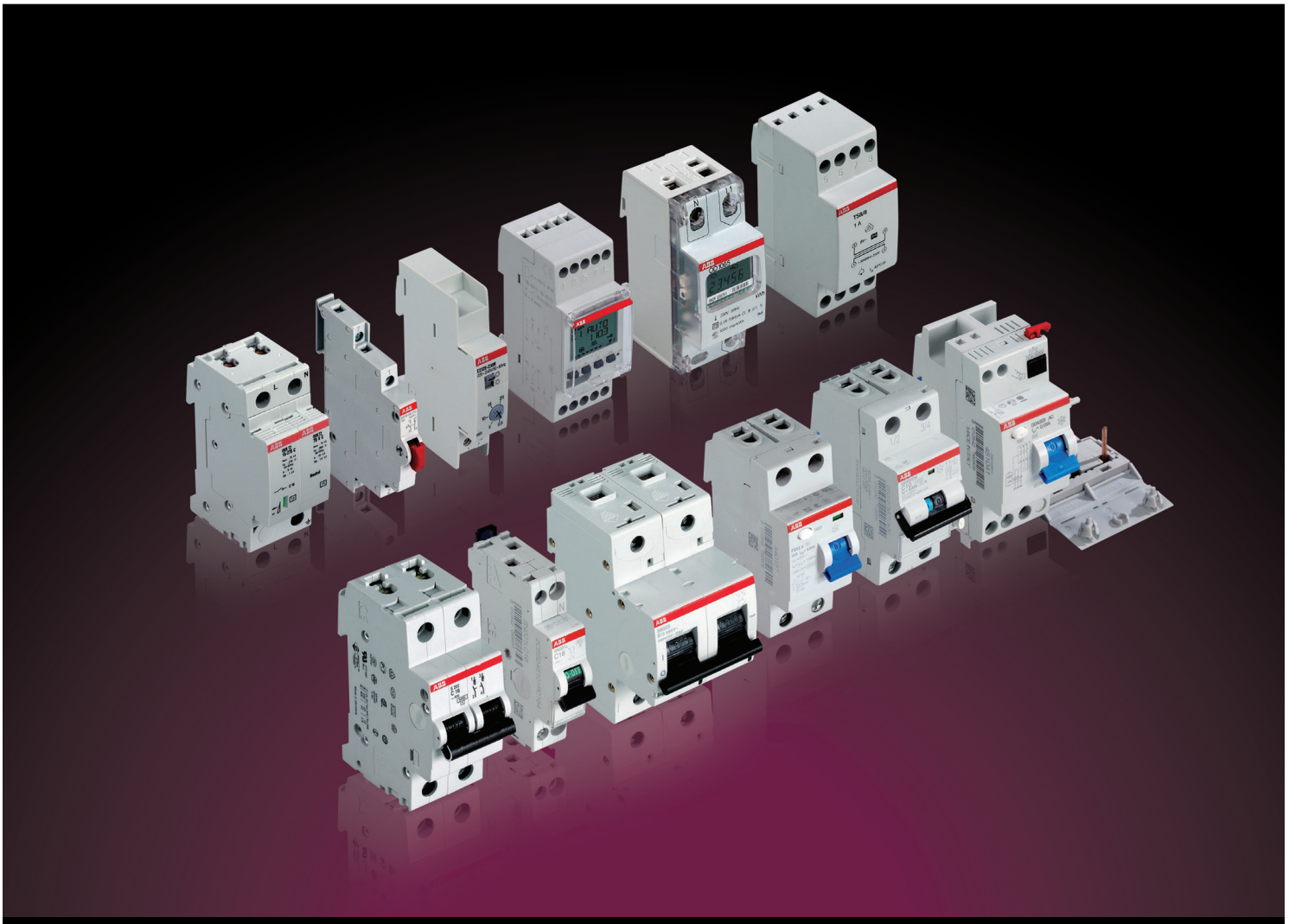


Short form catalogue

Modular Din rail components
MCBs, RCDs, meters & surge protection

Power and productivity
for a better world™

Modular Din rail components
MCBs, RCDs, meters & surge protection

Contents

The best solution for every application
MCB, earth leakage and surge protection

1 S200 Series

Circuit breakers up to 63 A
S200, S200M and S200P:
For residential, commercial and industrial use up to 25 kA.
S200U, S200UP and SU-200PR with certification acc. to: Certification UL489/CSA 22.2 No. 5 (US and Canada).

3 S800 Series

S800 circuit breakers with high breaking capacity up to 125A
S800B : 16 kA breaking capacity.
S800C : 25 kA breaking capacity.
S800N : 36 kA breaking capacity.
S800S : 50 kA breaking capacity.

4 F200 Series

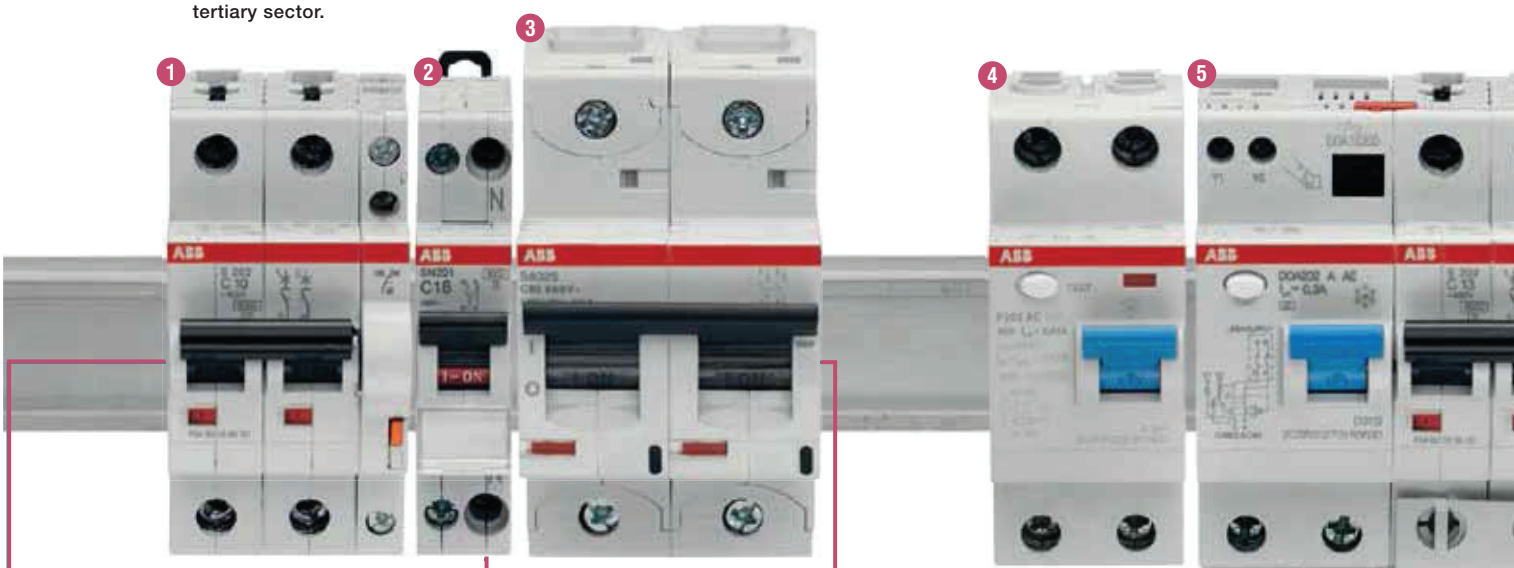
Residual current devices up to 125 A
F200: Residential, tertiary and industrial.

5 DDA200 and DDA800 Series

RCD blocks adaptable to the S200 and S800 circuit-breaker series up to 63A and 100A respectively.

2 SN201 Series

SN201 series circuit breakers including one pole and neutral in one module width up to 40A specific for household applications and tertiary sector.



Increased terminal opening for higher wire gauges up to 35mm².
For conductors with or without connector sleeves.
Fulfills still the requirements for protection degree IP20 (finger safe) acc. to IEC/EN 60529.
Integrated plate protecting flexible cables from damage and homogenous pressure in the terminal opening.

Switch with intermediate trip position (TRIP).
S800 circuit breakers differentiate manual actuation from over-current trip.

Terminal on the front face for fail-safe function.

Multiple certification marks visible on the upper and lower face of the S200 circuit breakers.
Laser marking for reliable readability.
Real contact position indication, directly connected to the moving contact, for more comfort and safety. Individual identification code for each MCB on the front.

Label-holder built into SN200 circuit breakers.
Easy identification of protected circuits.
One pole plus neutral in a width of just 17.6 mm.

The green/red switch colour clearly indicates the connected/disconnected status.

Failsafe bi-directional cylinder-lift terminal at top and bottom (available for the entire System pro M compact range). Ideal for connection of cables and busbars simultaneously.

6 DS200 Series

Circuit breakers and residual current protection in a single device, just two modules width. Suitable for residential, tertiary and industrial applications.

7 RD3 residual current relays

Residual current relays with the possibility to set sensitivity and intervention time.
Ideal to obtain time and sensitivity combinations and to achieve selectivity with other residual current devices.

8 OVR series surge protective devices

Protection of electrical equipment against surges caused by lightning or other grid disruptions.

9 E90 fuseholders and fuse disconnectors

E90: Disconnector series up to 32A.
E90h: Compact series up to 32A.
E930: Series up to 125A.

Displays the cause of the trip of the DS200 residual current breaker.
Blue (residual currentl trip) or black (over-current trip indications).

Includes RFID label.
Prevents forgeries through the inclusion of a serial number in compliance with the ISO/IEC FCD 15693-3 standard.

Contact position indicator visible on the front of the DS200 residual current breaker.

Visual indicator of the remaining life of the OVR surge protective device.
Option to include remote signalling contacts of the OVR status.

Blown fuse indicator light on the front part of the E90 fuseholder.

The best solution for every application
Command and control

10 Contactors, latching relays and installation relays

ESB and EN series contactors.
E259 series installation relays.
E250 and E260 series latching relays.

11 E200 series switch disconnectors

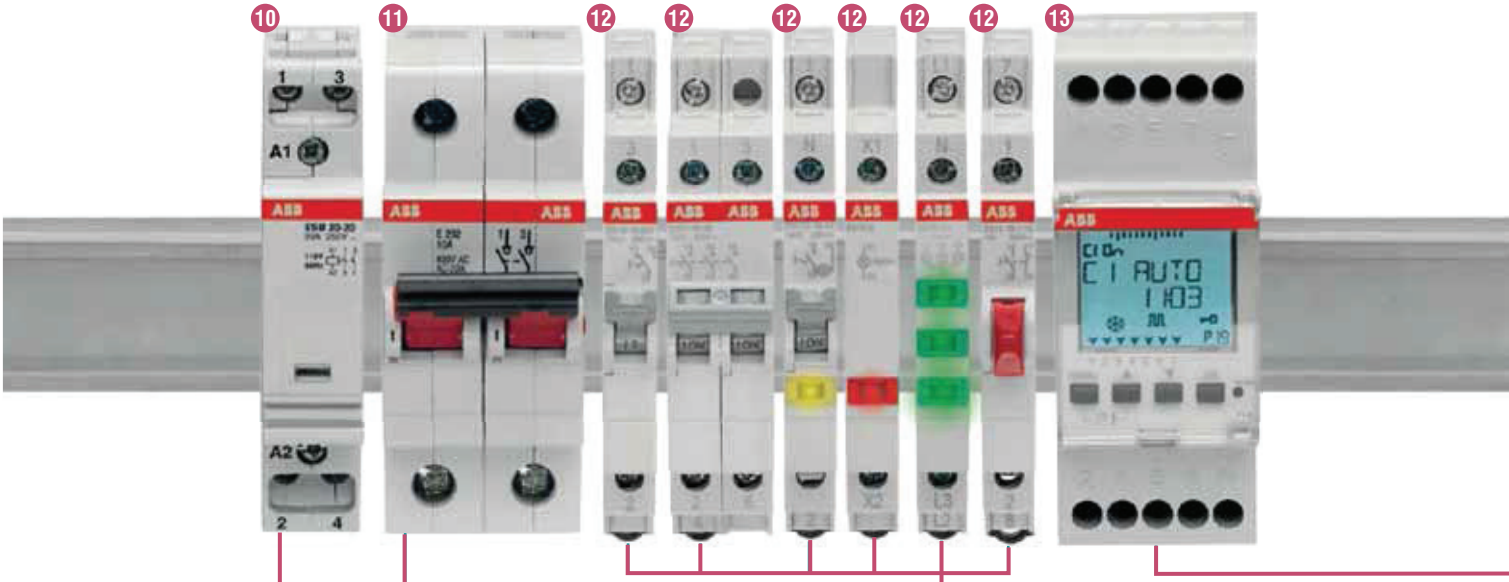
From 1 to 4 poles.
Up to 125 A.

12 E210 series on-off switches, push buttons and indicator lamps

E211 and E218 series on-off switches.
E213 series change over switches.
E214 series group switches.
E215 and E217 series push buttons.
E219 series single, double and triple indicator lights.

12 D-Line digital and AT analogue time switches

D1 and D2 weekly digital time switches.
D365 yearly digital time switches.
AT analogue time switches.



Currents up to 125A.
From 1 to 4 poles.
Option to include an add-on of up to 3 auxiliary contacts.

Multiple command and control functions in the ultra-compact design (9mm width) of the E210 series.

Extremely quiet.
Variety of control voltages.
Multiple combinations of NO and NC contacts.
Function modes selector: Automatic/Manual/Disconnected (EN series).

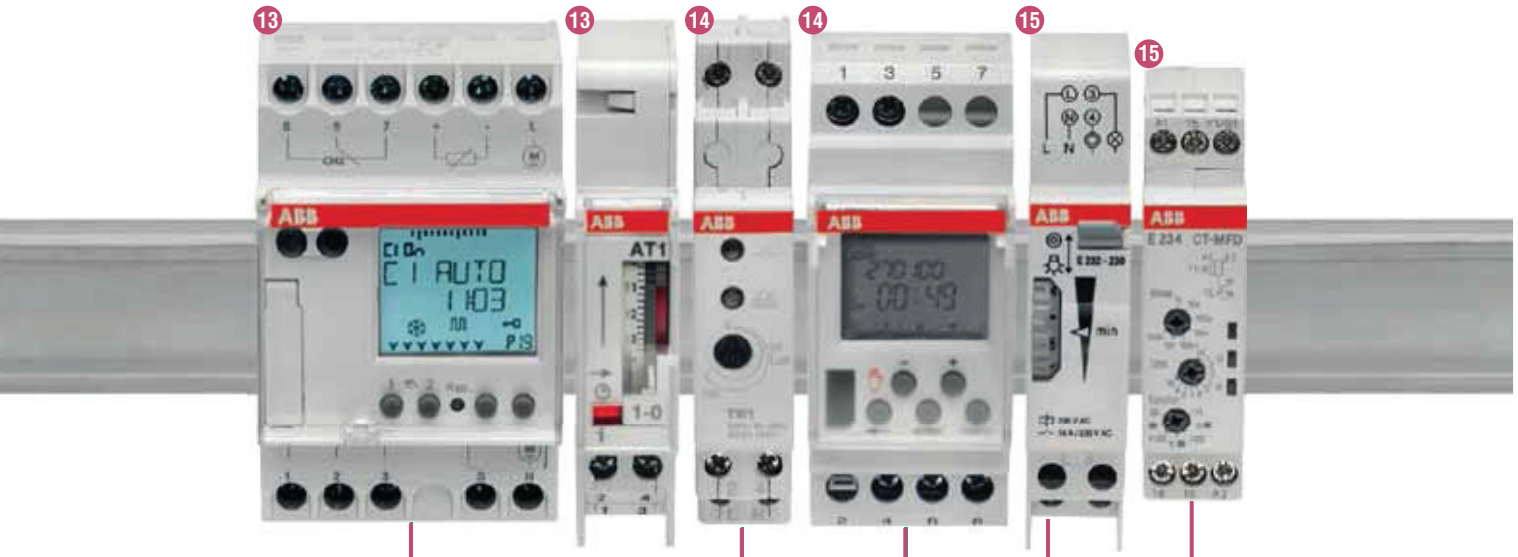
Up to 3 E219 LED indicator lights in a width of just 9 mm. LED indicators guarantee an optimal illumination with very low consumption.

14 TWA astronomical switches and TW twilight switches

TWA astronomical switches to activate lighting systems according to the rising and setting of the sun.
TW twilight switches to control lighting devices according to the level of the ambient light.

15 E234 series electronic timers and E232 series staircase switches

Wide range of E234.
E232 staircase timers for household applications.



D-Line series weekly and annual digital time switches.
Multiple communication options.
Wide range of programs: standard, cyclic, casual and holiday.
White backlit LCD display.

Connection and disconnection time delays.
Continuous and impulse signals among multiple options.

Easy to program.
Ideal for public lighting, stores lighting, monuments, etc.

The best solution for every application
Measurement

16 EQ digital electricity meters

C series, extremely compact meters.
B series, compact with communication features.
A series, functionality beyond comparison.
Functionalities associated to a “metal scale” assigned to each model (steel, bronze, silver, gold and platinum).

17 Digital and analogue measuring insruments

AMTD and AMT ammeters.
VLMD and VLM voltmeters.
FRZ frequency meters.
DMTME multimeters.
E233 and HTM hour counters.
Current and voltage transformers.

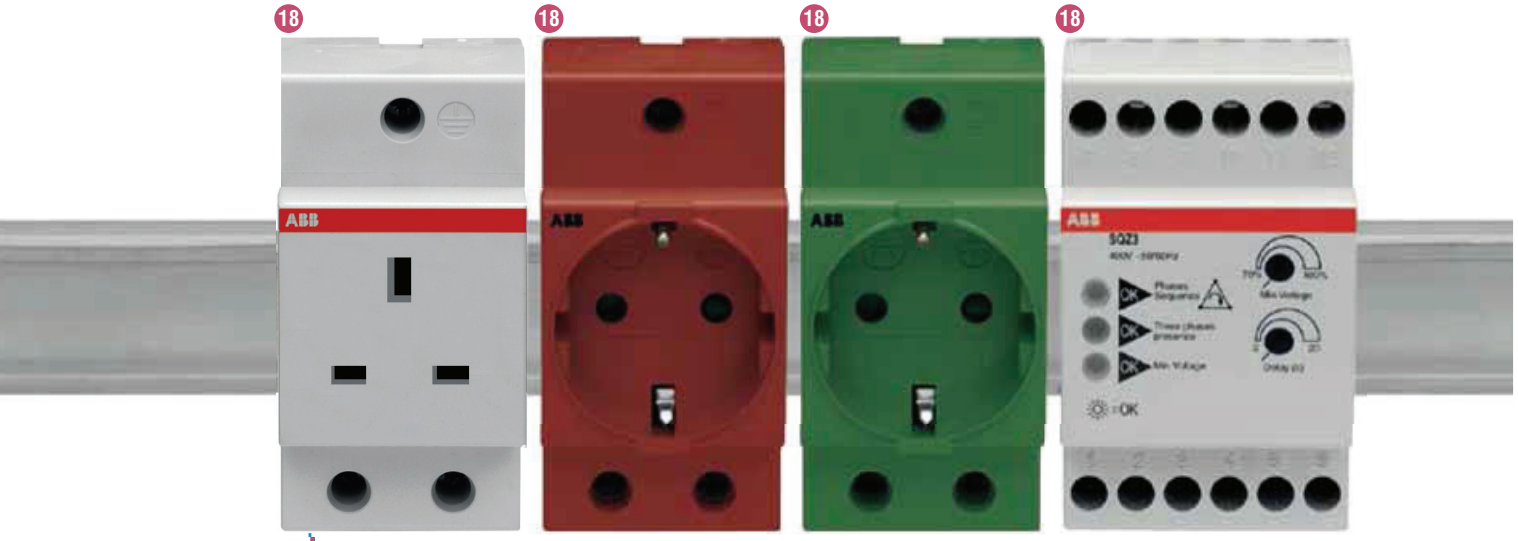
Single-phase and three-phase metering.
Direct reading up to 80A or indirect reading through current and/or voltage transformers.
High precision with an accuracy class up to 0.5.
Reading of generated/consumed and active/reactive energy.
Up to four tariffs.
Up to eight channels of load profiles.
Previous values for several quantities.
Possibility of built-in serial communication interfaces.
Multiple communication options.
Possibility of internal clock for advanced functionalities.

C11 single-phase digital electricity meter with ultra-compact design just one module wide.
C13 three-phase digital meter with ultra-compact design just three modules wide.
Both unique on the market.

Other functions

18 Extensive range of other modular devices

Modular sockets.
Light dimmers.
Priority switches and overload relays.
Control, isolating and safety transformers.
etc.



The range includes products complying with the most widespread standards (English, German, French, Italian...)
Different colours for easy identification.
Safety shutters and optional cover.

System ProM compact
Advantages

The System pro M compact® range offers enormous advantages in relation to installation. Advanced and smart solutions allow a far easier and safer installation and guarantee time saving.

MCBs are also available with an integrated auxiliary contact (1 NO or 1 NC). Existing installations can be easily upgraded to include auxiliary switch functionality.

RCD-blocks DDA 200 2P, 3P, 4P up to 40 A fit into two modules. Versions in 63 A sizes are supplied with two additional terminals for remote tripping.

Safety connections between DDA 200 and S 200 thanks to a safe plastic key system.

Availability of a wide range of RCBOs.

Universal signal/auxiliary and auxiliary contacts fit on S 200, F 200 and DS 200.

Supply from top or bottom either with cables or busbars.

The bi-directional cylinder-lift terminal allows easier and quicker connections. In addition it avoids errors because it prevents the use of free cable seats.

This high protection level against errors eliminates right from the start industrial accidents deriving from incorrect wiring.

The terminal guarantees a very high tightening torque for cables with a section up to 25 mm^2.

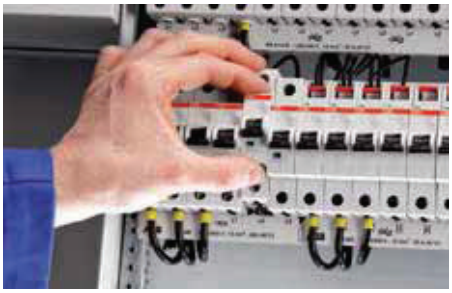
The housing of connection busbars in the rear seat guarantees easier wiring.

Safe terminal technology: the terminals offer protection from misconnection.

Error proof terminals: they avoid the use of free cable seats.

Supply from top or bottom also possible with busbars.

Without busbars two terminal spaces can be used for cables with different cross sections: incoming supply with supplementary terminal up to 50 mm^2 from the front side.



Special quick fastening for an easy removal of the devices from the assembly pressing upwards, both for MCBs S 200 and RCCBs F 200: the only in the market that can be removed without a screwdriver.

More working space between component rows.

System ProM compact
MCB introduction

Twin terminal for separate feeding of busbar and conductor

IP20 safe finger protection

Easy identifcation of the product and highly resistant laser marking

Save your time, all data is available right away

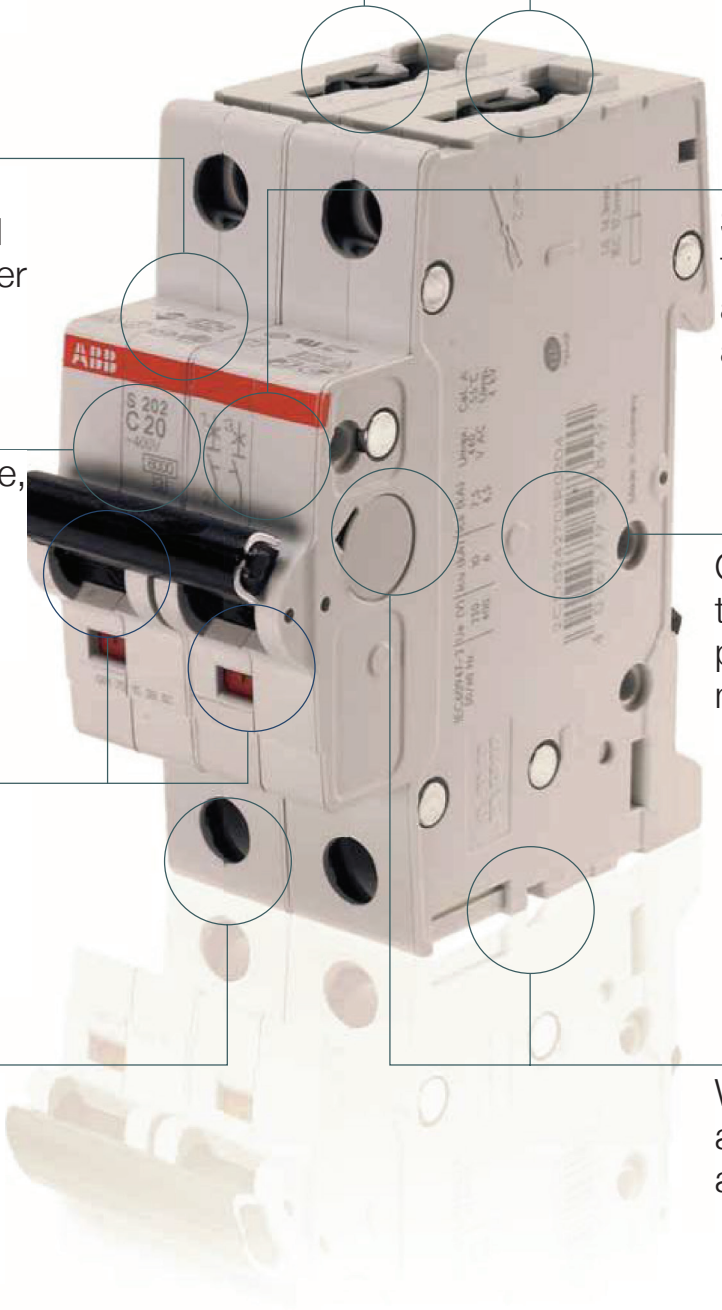
Easy product name, easy identification, easy life

Quick identification thanks to laser printed EAN marking

Contact position indication

Captive screws: don't loose what's important for you

Wide range of accessories available



Contact position indication
All System pro *M* compact® MCBs are suited with a contact position indication (CPI) on the toggle. You can easily identify, if the MCB is in the ON or the OFF position – easy and safe maintenance work is possible.

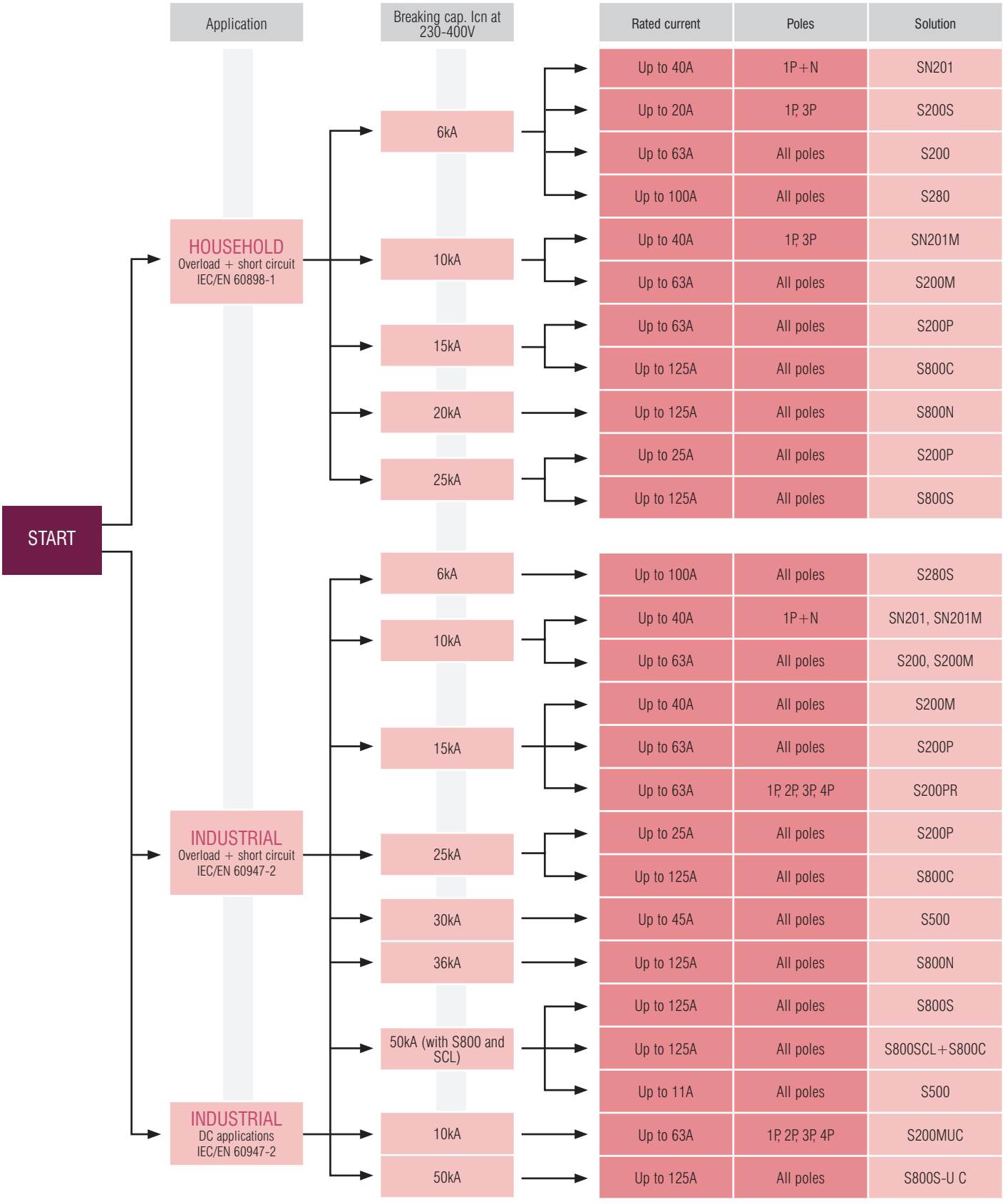
Approvals printed on the dome
S 200 MCBs comply to IEC/EN 60898-1 and IEC/EN 60947-2 and carry all relevant approval marks for each market and segment they are destined to. The certification markings are also printed on the dome of the MCB. Thus make it possible to see the markings also in the mounted position. For control and acceptance procedure – certification marks visible on fitted devices on the dome.

Housing material
By using the state-of-the-art housing material, ABB is taking care of the environment. With the latest generation of thermoplastics it's possible to recycle the MCBs – especially the thermoplastic housing-material can be re-used. By using the latest generation of thermoplastics the material stability of all System pro *M* compact® MCBs is improved. S200 are 100% free of halogens – no environmental
pollution.

Laser printing
All printings of the S 200 and S 200 M MCBs, like the approvals on the dome and the product identification, are printed by a laser. The laser printing ensures a friction, scratch and solvent resistant marking on the MCBs.
Easy identification of the products in case of maintenance or replacements due to safe laser printing.

IP 20 - finder safe terminals
The System pro *M* compact® MCB's are equiped with 35 mm² + 10 mm² cylinder lift twin terminals, a well proven and reliable technology - designed for sopisticated industrial use.
The cross wiring can easily be done by inserting the System pro *M* compact® busbars into the rear terminal part and then the incoming wires into the front part of the terminal.

System ProM compact
Quick selection of MCBs for household and industrial application



System ProM compact
MCB tripping characteristics

Tripping characteristics

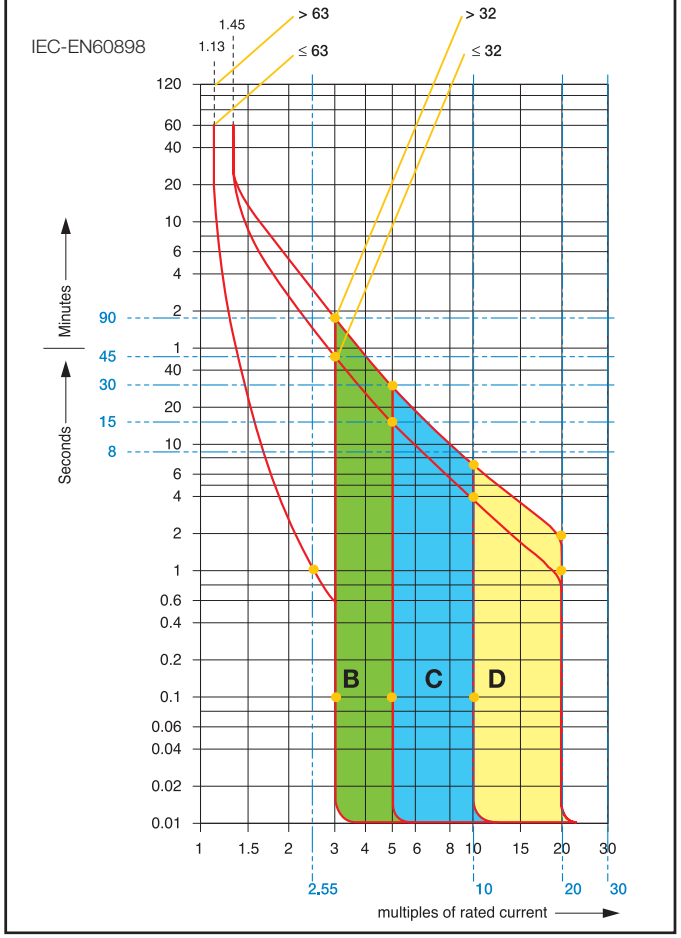
Acc. to	Tripping characteristic	and rated current	Thermal release [2] Current: conventional non-tripping c.	conventional tripping c.	Tripping time	Electromagnetic release [1] Currents: hold current surges	trip at least at	Tripping time
IEC/EN 60898	**B**	6 to 63 A	$1.13 \cdot I_n$		> 1 h	$3 \cdot I_n$		> 0.1 s
				$1.45 \cdot I_n$	< 1 h		$5 \cdot I_n$	< 0.1 s
	C	0.5 to 63 A	$1.13 \cdot I_n$		> 1 h	$5 \cdot I_n$		> 0.1 s
				$1.45 \cdot I_n$	< 1 h		$10 \cdot I_n$	< 0.1 s
	D	0.5 to 63 A	$1.13 \cdot I_n$		> 1 h	$10 \cdot I_n$		> 0.1 s
				$1.45 \cdot I_n$	< 1 h		$20 \cdot I_n$	< 0.1 s
DIN VDE 0660/9.82	**K**	0.5 to 63 A	$1.05 \cdot I_n$		> 1 h			
				$1.2 \cdot I_n$	< 1 h	not applicable		
IEC/EN 60947-2 DIN VDE 0660 8/69 Part 101			$1.05 \cdot I_n$		> 2 h	$10 \cdot I_n$		> 0.2 s
				$1.2 \cdot I_n$	< 1 h [3]		$14 \cdot I_n$	< 0.2 s
				$1.5 \cdot I_n$	< 2 min. [3]			
				$6.0 \cdot I_n$	> 2 s (T1)			
DIN VDE 0660/9.82	**Z**	0.5 to 63 A	$1.05 \cdot I_n$		> 1 h			
				$1.2 \cdot I_n$	< 1 h	not applicable		
IEC/EN 60947-2 DIN VDE 0660 8/69 Part 101			$1.05 \cdot I_n$		> 2 h	$2 \cdot I_n$		> 0.2 s
				$1.2 \cdot I_n$	< 1 h [3]		$3 \cdot I_n$	< 0.2 s
				$1.5 \cdot I_n$	< 2 min. [3]			
				$6.0 \cdot I_n$	> 2 s (T1)			

1) The indicated tripping values of electromagnetic tripping devices apply to a frequency range of 16 2/3...60 Hz. In the case of diverging frequencies or direct current, see paragraph “Variation of tripping threshold of MCBs, according to network frequency” (page 6/7)

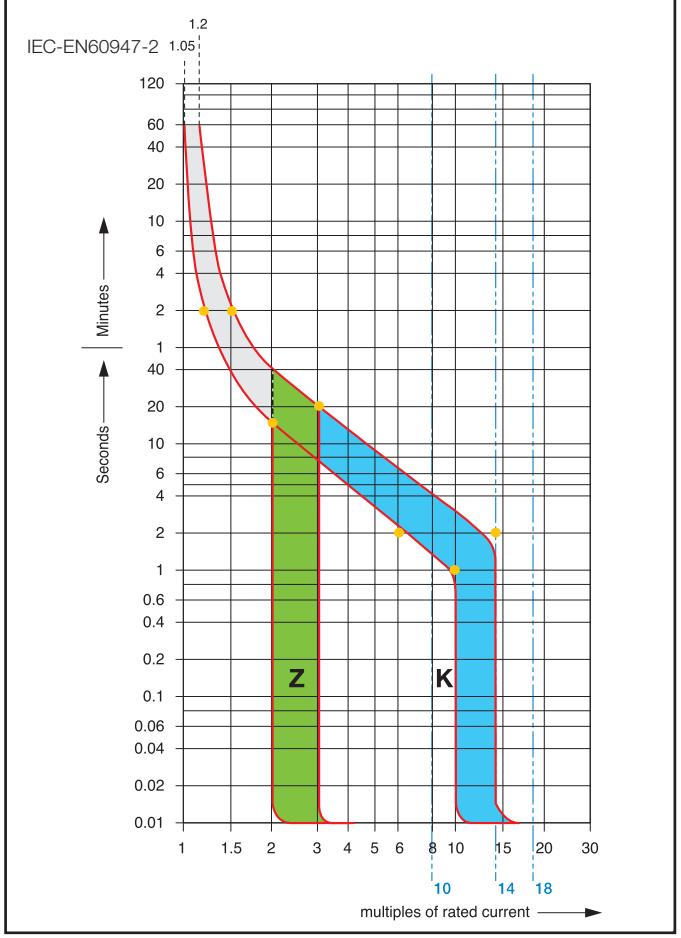
2) The thermal releases are calibrated to a nominal reference ambient temperature; for Z and K, the value is 20 °C, for B and C = 30 °C. In the case of higher ambient temperatures, the current values fall by ca. 6 % for each 10 K temperature rise.

3) As from operating temperature (after I_1 > 1 h or, as applicable, 2 h).

Characteristics B, C, D

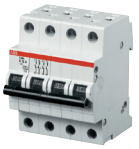


Characteristics K, Z



System ProM compact
S200 - B, C, D series



Series S200 Type B 6kA

Product Hierarchy 2400007

	Single Pole		Two Pole		Three Pole		Four Pole	
Rated Current (A)	Part Number	Order Code	Part Number	Order Code	Part Number	Order Code	Part Number	Order Code
6	S201-B6	2CDS251001R0065	S202-B6	2CDS252001R0065	S203-B6	2CDS253001R0065	S204-B6	2CDS254001R0065
10	S201-B10	2CDS251001R0105	S202-B10	2CDS252001R0105	S203-B10	2CDS253001R0105	S204-B10	2CDS254001R0105
16	S201-B16	2CDS251001R1165	S202-B16	2CDS252001R0165	S203-B16	2CDS253001R0165	S204-B16	2CDS254001R0165
20	S201-B20	2CDS251001R0205	S202-B20	2CDS252001R0205	S203-B20	2CDS253001R0205	S204-B20	2CDS254001R0205
25	S201-B25	2CDS251001R0255	S202-B25	2CDS252001R0255	S203-B25	2CDS253001R0255	S204-B25	2CDS254001R0255
32	S201-B32	2CDS251001R0325	S202-B32	2CDS252001R0325	S203-B32	2CDS253001R0325	S204-B32	2CDS254001R0325
40	S201-B40	2CDS251001R0405	S202-B40	2CDS252001R0405	S203-B40	2CDS253001R0405	S204-B40	2CDS254001R0405
50	S201-B50	2CDS251001R0505	S202-B50	2CDS252001R0505	S203-B50	2CDS253001R0505	S204-B50	2CDS254001R0505
63	S201-B63	2CDS251001R0635	S202-B63	2CDS252001R0635	S203-B63	2CDS253001R0635	S204-B63	2CDS254001R0635

Series S200 Type C 6kA

Product Hierarchy 2400007

	Single Pole		Two Pole		Three Pole		Four Pole	
Rated Current (A)	Part Number	Order Code	Part Number	Order Code	Part Number	Order Code	Part Number	Order Code
1	S201-C1	2CDS251001R0014	S202-C1	2CDS252001R0014	S203-C1	2CDS253001R0014	S204-C1	2CDS254001R0014
2	S201-C2	2CDS251001R0024	S202-C2	2CDS252001R0024	S203-C2	2CDS253001R0024	S204-C2	2CDS254001R0024
3	S201-C3	2CDS251001R0034	S202-C3	2CDS252001R0034	S203-C3	2CDS253001R0034	S204-C3	2CDS254001R0034
4	S201-C4	2CDS251001R0044	S202-C4	2CDS252001R0044	S203-C4	2CDS253001R0044	S204-C4	2CDS254001R0044
6	S201-C6	2CDS251001R0064	S202-C6	2CDS252001R0064	S203-C6	2CDS253001R0064	S204-C6	2CDS254001R0064
8	S201-C8	2CDS251001R0084	S202-C8	2CDS252001R0084	S203-C8	2CDS253001R0084	S204-C8	2CDS254001R0084
10	S201-C10	2CDS251001R0104	S202-C10	2CDS252001R0104	S203-C10	2CDS253001R0104	S204-C10	2CDS254001R0104
13	S201-C13	2CDS251001R0134	S202-C13	2CDS252001R0134	S203-C13	2CDS253001R0134	S204-C13	2CDS254001R0134
16	S201-C16	2CDS251001R0164	S202-C16	2CDS252001R0164	S203-C16	2CDS253001R0164	S204-C16	2CDS254001R0164
20	S201-C20	2CDS251001R0204	S202-C20	2CDS252001R0204	S203-C20	2CDS253001R0204	S204-C20	2CDS254001R0204
25	S201-C25	2CDS251001R0254	S202-C25	2CDS252001R0254	S203-C25	2CDS253001R0254	S204-C25	2CDS254001R0254
32	S201-C32	2CDS251001R0324	S202-C32	2CDS252001R0324	S203-C32	2CDS253001R0324	S204-C32	2CDS254001R0324
40	S201-C40	2CDS251001R0404	S202-C40	2CDS252001R0404	S203-C40	2CDS253001R0404	S204-C40	2CDS254001R0404
50	S201-C50	2CDS251001R0504	S202-C50	2CDS252001R0504	S203-C50	2CDS253001R0504	S204-C50	2CDS254001R0504
63	S201-C63	2CDS251001R0634	S202-C63	2CDS252001R0634	S203-C63	2CDS253001R0634	S204-C63	2CDS254001R0634

Series S200 Type D 6kA

Product Hierarchy 254004

	Single Pole		Two Pole		Three Pole		Four Pole	
Rated Current (A)	Part Number	Order Code	Part Number	Order Code	Part Number	Order Code	Part Number	Order Code
1	S201-D1	2CDS251001R0011	S202-D1	2CDS252001R0011	S203-D1	2CDS253001R0011	S204-D1	2CDS254001R0011
2	S201-D2	2CDS251001R0021	S202-D2	2CDS252001R0021	S203-D2	2CDS253001R0021	S204-D2	2CDS254001R0021
3	S201-D3	2CDS251001R0031	S202-D3	2CDS252001R0031	S203-D3	2CDS253001R0031	S204-D3	2CDS254001R0031
4	S201-D4	2CDS251001R0041	S202-D4	2CDS252001R0041	S203-D4	2CDS253001R0041	S204-D4	2CDS254001R0041
6	S201-D6	2CDS251001R0061	S202-D6	2CDS252001R0061	S203-D6	2CDS253001R0061	S204-D6	2CDS254001R0061
8	S201-D8	2CDS251001R0081	S202-D8	2CDS252001R0081	S203-D8	2CDS253001R0081	S204-D8	2CDS254001R0081
10	S201-D10	2CDS251001R0101	S202-D10	2CDS252001R0101	S203-D10	2CDS253001R0101	S204-D10	2CDS254001R0101
13	S201-D13	2CDS251001R0131	S202-D13	2CDS252001R0131	S202-D13	2CDS253001R0131	S204-D13	2CDS254001R0131
16	S201-D16	2CDS251001R0161	S202-D16	2CDS252001R0161	S203-D16	2CDS253001R0161	S204-D16	2CDS254001R0161
20	S201-D20	2CDS251001R0201	S202-D20	2CDS252001R0201	S203-D20	2CDS253001R0201	S204-D20	2CDS254001R0201
25	S201-D25	2CDS251001R0251	S202-D25	2CDS252001R0251	S203-D25	2CDS253001R0251	S204-D25	2CDS254001R0251
32	S201-D32	2CDS251001R0321	S202-D32	2CDS252001R0321	S203-D32	2CDS253001R0321	S204-D32	2CDS254001R0321
40	S201-D40	2CDS251001R0401	S202-D40	2CDS252001R0401	S203-D40	2CDS253001R0401	S204-D40	2CDS254001R0401
50	S201-D50	2CDS251001R0501	S202-D50	2CDS252001R0501	S203-D50	2CDS253001R0501	S204-D50	2CDS254001R0501
63	S201-D63	2CDS251001R0631	S202-D63	2CDS252001R0631	S203-D63	2CDS253001R0631	S204-D63	2CDS254001R0631

System ProM compact
S200 - K, Z, B series




Series S200 Type K 6kA

Product Hierarchy 2400002

	Single Pole		Two Pole		Three Pole		Four Pole	
Rated Current (A)	Part Number	Order Code	Part Number	Order Code	Part Number	Order Code	Part Number	Order Code
1	S201-K1	2CDS251001R0217	S202-K1	2CDS252001R0217	S203-K1	2CDS253001R0217	S204-K1	2CDS254001R0217
2	S201-K2	2CDS251001R0277	S202-K2	2CDS252001R0277	S203-K2	2CDS253001R0277	S204-K2	2CDS254001R0277
3	S201-K3	2CDS251001R0317	S202-K3	2CDS252001R0317	S203-K3	2CDS253001R0317	S204-K3	2CDS254001R0317
4	S201-K4	2CDS251001R0337	S202-K4	2CDS252001R0337	S203-K4	2CDS253001R0337	S204-K4	2CDS254001R0337
6	S201-K6	2CDS251001R0377	S202-K6	2CDS252001R0377	S203-K6	2CDS253001R0377	S204-K6	2CDS254001R0377
8	S201-K8	2CDS251001R0407	S202-K8	2CDS252001R0407	S203-K8	2CDS253001R0407	S204-K8	2CDS254001R0407
10	S201-K10	2CDS251001R0427	S202-K10	2CDS252001R0427	S203-K10	2CDS253001R0427	S204-K10	2CDS254001R0427
13	S201-K13	2CDS251001R0447	S202-K13	2CDS252001R0447	S202-K13	2CDS253001R0447	S204-K13	2CDS254001R0447
16	S201-K16	2CDS251001R0467	S202-K16	2CDS252001R0467	S203-K16	2CDS253001R0467	S204-K16	2CDS254001R0467
20	S201-K20	2CDS251001R0487	S202-K20	2CDS252001R0487	S203-K20	2CDS253001R0487	S204-K20	2CDS254001R0487
25	S201-K25	2CDS251001R0517	S202-K25	2CDS252001R0517	S203-K25	2CDS253001R0517	S204-K25	2CDS254001R0517
32	S201-K32	2CDS251001R0537	S202-K32	2CDS252001R0537	S203-K32	2CDS253001R0537	S204-K32	2CDS254001R0537
40	S201-K40	2CDS251001R0557	S202-K40	2CDS252001R0557	S203-K40	2CDS253001R0557	S204-K40	2CDS254001R0557
50	S201-K50	2CDS251001R0577	S202-K50	2CDS252001R0577	S203-K50	2CDS253001R0577	S204-K50	2CDS254001R0577
63	S201-K63	2CDS251001R0607	S202-K63	2CDS252001R0607	S203-K63	2CDS253001R0607	S204-K63	2CDS254001R0607

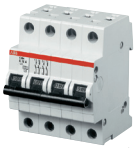
Series S200 Type Z 6kA

Product Hierarchy 2400002

	Single Pole		Two Pole		Three Pole		Four Pole	
Rated Current (A)	Part Number	Order Code	Part Number	Order Code	Part Number	Order Code	Part Number	Order Code
1	S201-Z1	2CDS251001R0218	S202-Z1	2CDS252001R0218	S203-Z1	2CDS253001R0218	S204-Z1	2CDS254001R0218
2	S201-Z2	2CDS251001R0278	S202-Z2	2CDS252001R0278	S203-Z2	2CDS253001R0278	S204-Z2	2CDS254001R0278
3	S201-Z3	2CDS251001R0318	S202-Z3	2CDS252001R0318	S203-Z3	2CDS253001R0318	S204-Z3	2CDS254001R0318
4	S201-Z4	2CDS251001R0338	S202-Z4	2CDS252001R0338	S203-Z4	2CDS253001R0338	S204-Z4	2CDS254001R0338
6	S201-Z6	2CDS251001R0378	S202-Z6	2CDS252001R0378	S203-Z6	2CDS253001R0378	S204-Z6	2CDS254001R0378
8	S201-Z8	2CDS251001R0408	S202-Z8	2CDS252001R0408	S203-Z8	2CDS253001R0408	S204-Z8	2CDS254001R0408
10	S201-Z10	2CDS251001R0428	S202-Z10	2CDS252001R0428	S203-Z10	2CDS253001R0428	S204-Z10	2CDS254001R0428
13	S201-Z13	2CDS251001R0448	S202-Z13	2CDS252001R0448	S202K13	2CDS253001R0448	S204-Z13	2CDS254001R0448
16	S201-Z16	2CDS251001R0468	S202-Z16	2CDS252001R0468	S203-Z16	2CDS253001R0468	S204-Z16	2CDS254001R0468
20	S201-Z20	2CDS251001R0488	S202-Z20	2CDS252001R0488	S203-Z20	2CDS253001R0488	S204-Z20	2CDS254001R0468
25	S201-Z25	2CDS251001R0518	S202-Z25	2CDS252001R0518	S203-Z25	2CDS253001R0518	S204-Z25	2CDS254001R0518
32	S201-Z32	2CDS251001R0538	S202-Z32	2CDS252001R0538	S203-Z32	2CDS253001R0538	S204-Z32	2CDS254001R0538
40	S201-Z40	2CDS251001R0558	S202-Z40	2CDS252001R0558	S203-Z40	2CDS253001R0558	S204-Z40	2CDS254001R0558
50	S201-Z50	2CDS251001R0578	S202-Z50	2CDS252001R0578	S203-Z50	2CDS253001R0578	S204-Z50	2CDS254001R0578
63	S201-Z63	2CDS251001R0608	S202-Z63	2CDS252001R0608	S203-Z63	2CDS253001R0608	S204-Z63	2CDS254001R0608

System ProM compact
S200M - C, D, K series



Series S200M Type B 10kA

Product Hierarchy 2400004

	Single Pole		Two Pole		Three Pole		Four Pole	
Rated Current (A)	Part Number	Order Code	Part Number	Order Code	Part Number	Order Code	Part Number	Order Code
6	S201M-B6	2CDS271001R0065	S202M-B6	2CDS272001R0065	S203M-B6	2CDS273001R0065	S204M-B6	2CDS274001R0065
10	S201M-B10	2CDS271001R0105	S202M-B10	2CDS272001R0105	S203M-B10	2CDS273001R0105	S204M-B10	2CDS274001R0105
16	S201M-B16	2CDS271001R0165	S202M-B16	2CDS272001R0165	S203M-B16	2CDS273001R0165	S204M-B16	2CDS274001R0165
20	S201M-B20	2CDS271001R0205	S202M-B20	2CDS272001R0205	S203M-B20	2CDS273001R0205	S204M-B20	2CDS274001R0205
25	S201M-B25	2CDS271001R0255	S202M-B25	2CDS272001R0255	S203M-B25	2CDS273001R0255	S204M-B25	2CDS274001R0255
32	S201M-B32	2CDS271001R0325	S202M-B32	2CDS272001R0325	S203M-B32	2CDS273001R0325	S204M-B32	2CDS274001R0325
40	S201M-B40	2CDS271001R0405	S202M-B40	2CDS272001R0405	S203M-B40	2CDS273001R0405	S204M-B40	2CDS274001R0405
50	S201M-B50	2CDS271001R0505	S202M-B50	2CDS272001R0505	S203M-B50	2CDS273001R0505	S204M-B50	2CDS274001R0505
63	S201M-B63	2CDS271001R0635	S202M-B63	2CDS272001R0635	S203M-B63	2CDS273001R0635	S204M-B63	2CDS274001R0635

Series S200M Type C 10kA

Product Hierarchy 2400004

	Single Pole		Two Pole		Three Pole		Four Pole	
Rated Current (A)	Part Number	Order Code	Part Number	Order Code	Part Number	Order Code	Part Number	Order Code
1	S201M-C1	2CDS271001R0014	S202M-C1	2CDS272001R0014	S203M-C1	2CDS273001R0014	S204M-C1	2CDS274001R0014
2	S201M-C2	2CDS271001R0024	S202M-C2	2CDS272001R0024	S203M-C2	2CDS273001R0024	S204M-C2	2CDS274001R0024
3	S201M-C3	2CDS271001R0034	S202M-C3	2CDS272001R0034	S203M-C3	2CDS273001R0034	S204M-C3	2CDS274001R0034
4	S201M-C4	2CDS271001R0044	S202M-C4	2CDS272001R0044	S203M-C4	2CDS273001R0044	S204M-C4	2CDS274001R0044
6	S201M-C6	2CDS271001R0064	S202M-C6	2CDS272001R0064	S203M-C6	2CDS273001R0064	S204M-C6	2CDS274001R0064
8	S201M-C8	2CDS271001R0084	S202M-C8	2CDS272001R0084	S203M-C8	2CDS273001R0084	S204M-C8	2CDS274001R0084
10	S201M-C10	2CDS271001R0104	S202M-C10	2CDS272001R0104	S203M-C10	2CDS273001R0104	S204M-C10	2CDS274001R0104
13	S201M-C13	2CDS271001R0134	S202M-C13	2CDS272001R0134	S203M-C13	2CDS273001R0134	S204M-C13	2CDS274001R0134
16	S201M-C16	2CDS271001R0164	S202M-C16	2CDS272001R0164	S203M-C16	2CDS273001R0164	S204M-C16	2CDS274001R0164
20	S201M-C20	2CDS271001R0204	S202M-C20	2CDS272001R0204	S203M-C20	2CDS273001R0204	S204M-C20	2CDS274001R0204
25	S201M-C25	2CDS271001R0254	S202M-C25	2CDS272001R0254	S203M-C25	2CDS273001R0254	S204M-C25	2CDS274001R0254
32	S201M-C32	2CDS271001R0324	S202M-C32	2CDS272001R0324	S203M-C32	2CDS273001R0324	S204M-C32	2CDS274001R0324
40	S201M-C40	2CDS271001R0404	S202M-C40	2CDS272001R0404	S203M-C40	2CDS273001R0404	S204M-C40	2CDS274001R0404
50	S201M-C50	2CDS271001R0504	S202M-C50	2CDS272001R0504	S203M-C50	2CDS273001R0504	S204M-C50	2CDS274001R0504
63	S201M-C63	2CDS271001R0634	S202M-C63	2CDS272001R0634	S203M-C63	2CDS273001R0634	S204M-C63	2CDS274001R0634

Series S200M Type D 10kA

Product Hierarchy 2400004

	Single Pole		Two Pole		Three Pole		Four Pole	
Rated Current (A)	Part Number	Order Code	Part Number	Order Code	Part Number	Order Code	Part Number	Order Code
1	S201M-D1	2CDS271001R0011	S202M-D1	2CDS272001R0011	S203M-D1	2CDS273001R0011	S204M-D1	2CDS274001R0011
2	S201M-D2	2CDS271001R0021	S202M-D2	2CDS272001R0021	S203M-D2	2CDS273001R0021	S204M-D2	2CDS274001R0021
3	S201M-D3	2CDS271001R0031	S202M-D3	2CDS272001R0031	S203M-D3	2CDS273001R0031	S204M-D3	2CDS274001R0031
4	S201M-D4	2CDS271001R0041	S202M-D4	2CDS272001R0041	S203M-D4	2CDS273001R0041	S204M-D4	2CDS274001R0041
6	S201M-D6	2CDS271001R0061	S202M-D6	2CDS272001R0061	S203M-D6	2CDS273001R0061	S204M-D6	2CDS274001R0061
8	S201M-D8	2CDS271001R0081	S202M-D8	2CDS272001R0081	S203M-D8	2CDS273001R0081	S204M-D8	2CDS274001R0081
10	S201M-D10	2CDS271001R0101	S202M-D10	2CDS272001R0101	S203M-D10	2CDS273001R0101	S204M-D10	2CDS274001R0101
13	S201M-D13	2CDS271001R0131	S202M-D13	2CDS272001R0131	S202M-D13	2CDS273001R0131	S204M-D13	2CDS274001R0131
16	S201M-D16	2CDS271001R0161	S202M-D16	2CDS272001R0161	S203M-D16	2CDS273001R0161	S204M-D16	2CDS274001R0161
20	S201M-D20	2CDS271001R0201	S202M-D20	2CDS272001R0201	S203M-D20	2CDS273001R0201	S204M-D20	2CDS274001R0201
25	S201M-D25	2CDS271001R0251	S202M-D25	2CDS272001R0251	S203M-D25	2CDS273001R0251	S204M-D25	2CDS274001R0251
32	S201M-D32	2CDS271001R0321	S202M-D32	2CDS272001R0321	S203M-D32	2CDS273001R0321	S204M-D32	2CDS274001R0321
40	S201M-D40	2CDS271001R0401	S202M-D40	2CDS272001R0401	S203M-D40	2CDS273001R0401	S204M-D40	2CDS274001R0401
50	S201M-D50	2CDS271001R0501	S202M-D50	2CDS272001R0501	S203M-D50	2CDS273001R0501	S204M-D50	2CDS274001R0501
63	S201M-D63	2CDS271001R0631	S202M-D63	2CDS272001R0631	S203M-D63	2CDS273001R0631	S204M-D63	2CDS274001R0631

System ProM compact
S200M - Z, K series




Series S200M Type Z 10kA

	Product Hierarchy 2400002							
	Single Pole		Two Pole		Three Pole		Four Pole	
Rated Current (A)	Part Number	Order Code	Part Number	Order Code	Part Number	Order Code	Part Number	Order Code
0.5	S201M-Z0.5	2CDS271001R0158	S202M-Z0.5	2CDS272001R0158	S203M-Z0.5	2CDS273001R0158	S204M-Z0.5	2CDS274001R0158
1	S201M-Z1	2CDS271001R0218	S202M-Z1	2CDS272001R0218	S203M-Z1	2CDS273001R0218	S204M-Z1	2CDS274001R0218
2	S201M-Z2	2CDS271001R0278	S202M-Z2	2CDS272001R0278	S203M-Z2	2CDS273001R0278	S204M-Z2	2CDS274001R0278
3	S201M-Z3	2CDS271001R0318	S202M-Z3	2CDS272001R0318	S203M-Z3	2CDS273001R0318	S204M-Z3	2CDS274001R0318
4	S201M-Z4	2CDS271001R0338	S202M-Z4	2CDS272001R0338	S203M-Z4	2CDS273001R0338	S204M-Z4	2CDS274001R0338
6	S201M-Z6	2CDS271001R0378	S202M-Z6	2CDS272001R0378	S203M-Z6	2CDS273001R0378	S204M-Z6	2CDS274001R0378
8	S201M-Z8	2CDS271001R0408	S202M-Z8	2CDS272001R0408	S203M-Z8	2CDS273001R0408	S204M-Z8	2CDS274001R0408
10	S201M-Z10	2CDS271001R0428	S202M-Z10	2CDS272001R0428	S203M-Z10	2CDS273001R0428	S204M-Z10	2CDS274001R0428
16	S201M-Z16	2CDS271001R0468	S202M-Z16	2CDS272001R0468	S203M-Z16	2CDS273001R0468	S204M-Z16	2CDS274001R0468
20	S201M-Z20	2CDS271001R0488	S202M-Z20	2CDS272001R0488	S203M-Z20	2CDS273001R0488	S204M-Z20	2CDS274001R0488
25	S201M-Z25	2CDS271001R0518	S202M-Z25	2CDS272001R0518	S203M-Z25	2CDS273001R0518	S204M-Z25	2CDS274001R0518
32	S201M-Z32	2CDS271001R0538	S202M-Z32	2CDS272001R0538	S203M-Z32	2CDS273001R0538	S204M-Z32	2CDS274001R0538
40	S201M-Z40	2CDS271001R0558	S202M-Z40	2CDS272001R0558	S203M-Z40	2CDS273001R0558	S204M-Z40	2CDS274001R0558
50	S201M-Z50	2CDS271001R0578	S202M-Z50	2CDS272001R0578	S203M-Z50	2CDS273001R0578	S204M-Z50	2CDS274001R0578
63	S201M-Z63	2CDS271001R0608	S202M-Z63	2CDS272001R0608	S203M-Z63	2CDS273001R0608	S204M-Z63	2CDS274001R0608

Series S200M Type K 10kA

	Product Hierarchy 2400002							
	Single Pole		Two Pole		Three Pole		Four Pole	
Rated Current (A)	Part Number	Order Code	Part Number	Order Code	Part Number	Order Code	Part Number	Order Code
1	S201M-K1	2CDS271001R0217	S202M-K1	2CDS272001R0217	S203M-K1	2CDS273001R0217	S204M-K1	2CDS274001R0217
2	S201M-K2	2CDS271001R0277	S202M-K2	2CDS272001R0277	S203M-K2	2CDS273001R0277	S204M-K2	2CDS274001R0277
3	S201M-K3	2CDS271001R0317	S202M-K3	2CDS272001R0317	S203M-K3	2CDS273001R0317	S204M-K3	2CDS274001R0317
4	S201M-K4	2CDS271001R0337	S202M-K4	2CDS272001R0337	S203M-K4	2CDS273001R0337	S204M-K4	2CDS274001R0337
6	S201M-K6	2CDS271001R0377	S202M-K6	2CDS272001R0377	S203M-K6	2CDS273001R0377	S204M-K6	2CDS274001R0377
8	S201M-K8	2CDS271001R0407	S202M-K8	2CDS272001R0407	S203M-K8	2CDS273001R0407	S204M-K8	2CDS274001R0407
10	S201M-K10	2CDS271001R0427	S202M-K10	2CDS272001R0427	S203M-K10	2CDS273001R0427	S204M-K10	2CDS274001R0427
13	S201M-K13	2CDS271001R0447	S202M-K13	2CDS272001R0447	S203M-K13	2CDS273001R0447	S204M-K13	2CDS274001R0447
16	S201M-K16	2CDS271001R0467	S202M-K16	2CDS272001R0467	S203M-K16	2CDS273001R0467	S204M-K16	2CDS274001R0467
20	S201M-K20	2CDS271001R0487	S202M-K20	2CDS272001R0487	S203M-K20	2CDS273001R0487	S204M-K20	2CDS274001R0487
25	S201M-K25	2CDS271001R0517	S202M-K25	2CDS272001R0517	S203M-K25	2CDS273001R0517	S204M-K25	2CDS274001R0517
32	S201M-K32	2CDS271001R0537	S202M-K32	2CDS272001R0537	S203M-K32	2CDS273001R0537	S204M-K32	2CDS274001R0537
40	S201M-K40	2CDS271001R0557	S202M-K40	2CDS272001R0557	S203M-K40	2CDS273001R0557	S204M-K40	2CDS274001R0557
50	S201M-K50	2CDS271001R0577	S202M-K50	2CDS272001R0577	S203M-K50	2CDS273001R0577	S204M-K50	2CDS274001R0577
63	S201M-K63	2CDS271001R0607	S202M-K63	2CDS272001R0607	S203M-K63	2CDS273001R0607	S204M-K63	2CDS274001R0607

System ProM compact
S200P - B, C, D series




Series S200P Type B

Product Hierarchy 2400002

	Single Pole		Two Pole		Three Pole		Four Pole	
Rated Current (A)	Part Number	Order Code	Part Number	Order Code	Part Number	Order Code	Part Number	Order Code
6	S201P-B6 25kA	2CDS281001R0065	S202P-B6 25kA	2CDS282001R0065	S203P-B6 25kA	2CDS283001R0065	S204P-B6 25kA	2CDS284001R0065
10	S201P-B10 25kA	2CDS281001R0105	S202P-B8 25kA	2CDS282001R0105	S203P-B8 25kA	2CDS283001R0105	S204P-B8 25kA	2CDS284001R0105
13	S201P-B13 25kA	2CDS281001R0135	S202P-B13 25kA	2CDS282001R0135	S203P-B13 25kA	2CDS283001R0135	S204P-B13 25kA	2CDS284001R0135
16	S201P-B10 25kA	2CDS281001R0165	S202P-B16 25kA	2CDS282001R0165	S203P-B16 25kA	2CDS283001R0165	S204P-B16 25kA	2CDS284001R0165
20	S201P-B20 25kA	2CDS281001R0205	S202P-B20 25kA	2CDS282001R0205	S203P-B20 25kA	2CDS283001R0205	S204P-B20 25kA	2CDS284001R0205
25	S201P-B25 25kA	2CDS281001R0255	S202P-B25 25kA	2CDS282001R0255	S203P-B25 25kA	2CDS283001R0255	S204P-B25 25kA	2CDS284001R0255
32	S201P-B32 15kA	2CDS281001R0325	S202P-B32 15kA	2CDS282001R0325	S203P-B32 15kA	2CDS283001R0325	S204P-B32 15kA	2CDS284001R0325
40	S201P-B40 15kA	2CDS281001R0405	S202P-B40 15kA	2CDS282001R0405	S203P-B40 15kA	2CDS283001R0405	S204P-B40 15kA	2CDS284001R0405
50	S201P-B50 15kA	2CDS281001R0505	S202P-B50 15kA	2CDS282001R0505	S203P-B50 15kA	2CDS283001R0505	S204P-B50 15kA	2CDS284001R0505
63	S201P-B63 15kA	2CDS281001R0635	S202P-B63 15kA	2CDS282001R0635	S203P-B63 15kA	2CDS283001R0635	S204P-B63 15kA	2CDS284001R0635

Series S200P Type C

Product Hierarchy 2400002

	Single Pole		Two Pole		Three Pole		Four Pole	
Rated Current (A)	Part Number	Order Code	Part Number	Order Code	Part Number	Order Code	Part Number	Order Code
0.5	S201P-C0.5 25kA	2CDS281001R0984	S202P-C0.5 25kA	2CDS282001R0984	S203P-C0.5 25kA	2CDS283001R0984	S204P-C0.5 25kA	2CDS284001R0984
1	S201P-C1 25kA	2CDS281001R0014	S202P-C1 25kA	2CDS282001R0014	S203P-C1 25kA	2CDS283001R0014	S204P-C1 25kA	2CDS284001R0014
1.6	S201P-C1.6 25kA	2CDS281001R0974	S202P-C1.6 25kA	2CDS282001R0974	S203P-C1.6 25kA	2CDS283001R0974	S204P-C1.6 25kA	2CDS284001R0974
2	S201P-C2 25kA	2CDS281001R0024	S202P-C2 25kA	2CDS282001R0024	S203P-C2 25kA	2CDS283001R0024	S204P-C2 25kA	2CDS284001R0024
3	S201P-C3 25kA	2CDS281001R0034	S202P-C3 25kA	2CDS282001R0034	S203P-C3 25kA	2CDS283001R0034	S204P-C3 25kA	2CDS284001R0034
4	S201P-C6 25kA	2CDS281001R0044	S202P-C4 25kA	2CDS282001R0044	S203P-C4 25kA	2CDS283001R0044	S204P-C4 25kA	2CDS284001R0044
6	S201P-C6 25kA	2CDS281001R0064	S202P-C6 25kA	2CDS282001R0064	S203P-C6 25kA	2CDS283001R0064	S204P-C6 25kA	2CDS284001R0064
8	S201P-C6 25kA	2CDS281001R0084	S202P-C8 25kA	2CDS282001R0084	S203P-C8 25kA	2CDS283001R0084	S204P-C8 25kA	2CDS284001R0084
10	S201P-C10 25kA	2CDS281001R0104	S202P-C10 25kA	2CDS282001R0104	S203P-C10 25kA	2CDS283001R0104	S204P-C10 25kA	2CDS284001R0104
16	S201P-C16 25kA	2CDS281001R0164	S202P-C16 25kA	2CDS282001R0164	S203P-C16 25kA	2CDS283001R0164	S204P-C16 25kA	2CDS284001R0164
20	S201P-C20 25kA	2CDS281001R0204	S202P-C20 25kA	2CDS282001R0204	S203P-C20 25kA	2CDS283001R0204	S204P-C20 25kA	2CDS284001R0204
25	S201P-C25 25kA	2CDS281001R0254	S202P-C25 25kA	2CDS282001R0254	S203P-C25 25kA	2CDS283001R0254	S204P-C25 25kA	2CDS284001R0254
32	S201P-C32 15kA	2CDS281001R0324	S202P-C32 15kA	2CDS282001R0324	S203P-C32 15kA	2CDS283001R0324	S204P-C32 15kA	2CDS284001R0324
40	S201P-C40 15kA	2CDS281001R0404	S202P-C40 15kA	2CDS282001R0404	S203P-C40 15kA	2CDS283001R0404	S204P-C40 15kA	2CDS284001R0404
50	S201P-C50 15kA	2CDS281001R0504	S202P-C50 15kA	2CDS282001R0504	S203P-C50 15kA	2CDS283001R0504	S204P-C50 15kA	2CDS284001R0504
63	S201P-C63 15kA	2CDS281001R0634	S202P-C63 15kA	2CDS282001R0634	S203P-C63 15kA	2CDS283001R0634	S204P-C63 15kA	2CDS284001R0634

Series S200P Type D

Product Hierarchy 2400002

	Single Pole		Two Pole		Three Pole		Four Pole	
Rated Current (A)	Part Number	Order Code	Part Number	Order Code	Part Number	Order Code	Part Number	Order Code
0.5	S201P-D0.5 25kA	2CDS281001R0981	S202P-D0.5 25kA	2CDS282001R0981	S203P-D0.5 25kA	2CDS283001R0981	S204P-D0.5 25kA	2CDS284001R0981
1	S201P-D1 25kA	2CDS281001R0011	S202P-D1 25kA	2CDS282001R0011	S203P-D1 25kA	2CDS283001R0011	S204P-D1 25kA	2CDS284001R0011
1.6	S201P-D1.6 25kA	2CDS281001R0971	S202P-D1.6 25kA	2CDS282001R0971	S203P-D1.6 25kA	2CDS283001R0971	S204P-D1.6 25kA	2CDS284001R0971
2	S201P-D2 25kA	2CDS281001R0021	S202P-D2 25kA	2CDS282001R0021	S203P-D2 25kA	2CDS283001R0021	S204P-D2 25kA	2CDS284001R0021
3	S201P-D3 25kA	2CDS281001R0031	S202P-D3 25kA	2CDS282001R0031	S203P-D3 25kA	2CDS283001R0031	S204P-D3 25kA	2CDS284001R0031
4	S201P-D6 25kA	2CDS281001R0041	S202P-D4 25kA	2CDS282001R0041	S203P-D4 25kA	2CDS283001R0041	S204P-D4 25kA	2CDS284001R0041
6	S201P-D6 25kA	2CDS281001R0061	S202P-D6 25kA	2CDS282001R0061	S203P-D6 25kA	2CDS283001R0061	S204P-D6 25kA	2CDS284001R0061
8	S201P-D6 25kA	2CDS281001R0081	S202P-D8 25kA	2CDS282001R0081	S203P-D8 25kA	2CDS283001R0081	S204P-D8 25kA	2CDS284001R0081
10	S201P-D10 25kA	2CDS281001R0101	S202P-D10 25kA	2CDS282001R0101	S203P-D10 25kA	2CDS283001R0101	S204P-D10 25kA	2CDS284001R0101
13	S201P-D13 25kA	2CDS281001R0131	S202P-D13 25kA	2CDS282001R0131	S203P-D13 25kA	2CDS283001R0131	S204P-D13 25kA	2CDS284001R0131
16	S201P-D16 25kA	2CDS281001R0161	S202P-D16 25kA	2CDS282001R0161	S203P-D16 25kA	2CDS283001R0161	S204P-D16 25kA	2CDS284001R0161
20	S201P-D20 25kA	2CDS281001R0201	S202P-D20 25kA	2CDS282001R0201	S203P-D20 25kA	2CDS283001R0201	S204P-D20 25kA	2CDS284001R0201
25	S201P-D25 25kA	2CDS281001R0251	S202P-D25 25kA	2CDS282001R0251	S203P-D25 25kA	2CDS283001R0251	S204P-D25 25kA	2CDS284001R0251
32	S201P-D32 15kA	2CDS281001R0321	S202P-D32 15kA	2CDS282001R0321	S203P-D32 15kA	2CDS283001R0321	S204P-D32 15kA	2CDS284001R0321
40	S201P-D40 15kA	2CDS281001R0401	S202P-D40 15kA	2CDS282001R0401	S203P-D40 15kA	2CDS283001R0401	S204P-D40 15kA	2CDS284001R0401
50	S201P-D50 15kA	2CDS281001R0501	S202P-D50 15kA	2CDS282001R0501	S203P-D50 15kA	2CDS283001R0501	S204P-D50 15kA	2CDS284001R0501
63	S201P-D63 15kA	2CDS281001R0631	S202P-D63 15kA	2CDS282001R0631	S203P-D63 15kA	2CDS283001R0631	S204P-D63 15kA	2CDS284001R0631

System ProM compact
S200M-P - K, Z series




Series S200P Type K

Product Hierarchy 2400002

	Single Pole		Two Pole		Three Pole		Four Pole	
Rated Current (A)	Part Number	Order Code	Part Number	Order Code	Part Number	Order Code	Part Number	Order Code
0.2	S201P-K0.2 25kA	2CDS281001R0087	S202P-K0.2 25kA	2CDS282001R0087	S203P-K0.2 25kA	2CDS283001R0087	S204P-K0.2 25kA	2CDS284001R0087
0.3	S201P-K0.3 25kA	2CDS281001R0117	S202P-K0.3 25kA	2CDS282001R0117	S203P-K0.3 25kA	2CDS283001R0117	S204P-K0.3 25kA	2CDS284001R0117
0.5	S201P-K0.5 25kA	2CDS281001R0157	S202P-K0.5 25kA	2CDS282001R0157	S203P-K0.5 25kA	2CDS283001R0157	S204P-K0.5 25kA	2CDS284001R0157
0.75	S201P-K0.75 25kA	2CDS281001R0187	S202P-K0.75 25kA	2CDS282001R0187	S203P-K0.75 25kA	2CDS283001R0187	S204P-K0.75 25kA	2CDS284001R0187
1	S201P-K1 25kA	2CDS281001R0217	S202P-K1 25kA	2CDS282001R0217	S203P-K1 25kA	2CDS283001R0217	S204P-K1 25kA	2CDS284001R0217
2	S201P-K2 25kA	2CDS281001R0277	S202P-K2 25kA	2CDS282001R0277	S203P-K2 25kA	2CDS283001R0277	S204P-K2 25kA	2CDS284001R0277
3	S201P-K3 25kA	2CDS281001R0317	S202P-K3 25kA	2CDS282001R0317	S203P-K3 25kA	2CDS283001R0317	S204P-K3 25kA	2CDS284001R0317
4	S201P-K4 25kA	2CDS281001R0337	S202P-K4 25kA	2CDS282001R0337	S203P-K4 25kA	2CDS283001R0337	S204P-K4 25kA	2CDS284001R0337
6	S201P-K6 25kA	2CDS281001R0377	S202P-K6 25kA	2CDS282001R0377	S203P-K6 25kA	2CDS283001R0377	S204P-K6 25kA	2CDS284001R0377
8	S201P-K8 25kA	2CDS281001R0407	S202P-K8 25kA	2CDS282001R0407	S203P-K8 25kA	2CDS283001R0407	S204P-K8 25kA	2CDS284001R0407
13	S201P-K13 25kA	2CDS281001R0427	S202P-K13 25kA	2CDS282001R0427	S203P-K13 25kA	2CDS283001R0427	S204P-K13 25kA	2CDS284001R0427
16	S201P-K10 25kA	2CDS281001R0447	S202P-K10 25kA	2CDS282001R0447	S203P-K10 25kA	2CDS283001R0447	S204P-K10 25kA	2CDS284001R0447
20	S201P-K20 25kA	2CDS281001R0487	S202P-K20 25kA	2CDS282001R0487	S203P-K20 25kA	2CDS283001R0487	S204P-K20 25kA	2CDS284001R0487
25	S201P-K25 25kA	2CDS281001R0517	S202P-K25 25kA	2CDS282001R0517	S203P-K25 25kA	2CDS283001R0517	S204P-K25 25kA	2CDS284001R0517
32	S201P-K32 15kA	2CDS281001R0537	S202P-K32 15kA	2CDS282001R0537	S203P-K32 15kA	2CDS283001R0537	S204P-K32 15kA	2CDS284001R0537
40	S201P-K40 15kA	2CDS281001R0557	S202P-K40 15kA	2CDS282001R0557	S203P-K40 15kA	2CDS283001R0557	S204P-K40 15kA	2CDS284001R0557
50	S201P-K50 15kA	2CDS281001R0577	S202P-K50 15kA	2CDS282001R0577	S203P-K50 15kA	2CDS283001R0577	S204P-K50 15kA	2CDS284001R0577
63	S201P-K63 15kA	2CDS281001R0607	S202P-K63 15kA	2CDS282001R0607	S203P-K63 15kA	2CDS283001R0607	S204P-K63 15kA	2CDS284001R0607

Series S200P Type Z

Product Hierarchy 2400002

	Single Pole		Two Pole		Three Pole		Four Pole	
Rated Current (A)	Part Number	Order Code	Part Number	Order Code	Part Number	Order Code	Part Number	Order Code
0.5	S201P-Z0.5 25kA	2CDS281001R0158	S202P-Z0.5 25kA	2CDS282001R0158	S203P-Z0.5 25kA	2CDS283001R0158	S204P-Z0.5 25kA	2CDS284001R0158
1	S201P-Z1 25kA	2CDS281001R0218	S202P-Z1 25kA	2CDS282001R0218	S203P-Z1 25kA	2CDS283001R0218	S204P-Z1 25kA	2CDS284001R0218
1.6	S201P-Z1.6 25kA	2CDS281001R0258	S202P-Z1.6 25kA	2CDS282001R0258	S203P-Z1.6 25kA	2CDS283001R0258	S204P-Z1.6 25kA	2CDS284001R0258
2	S201P-Z2 25kA	2CDS281001R0278	S202P-Z2 25kA	2CDS282001R0278	S203P-Z2 25kA	2CDS283001R0278	S204P-Z2 25kA	2CDS284001R0278
3	S201P-Z3 25kA	2CDS281001R0318	S202P-Z3 25kA	2CDS282001R0318	S203P-Z3 25kA	2CDS283001R0318	S204P-Z3 25kA	2CDS284001R0318
6	S201P-Z6 25kA	2CDS281001R0378	S202P-Z6 25kA	2CDS282001R0378	S203P-Z6 25kA	2CDS283001R0378	S204P-Z6 25kA	2CDS284001R0378
8	S201P-Z8 25kA	2CDS281001R0408	S202P-Z8 25kA	2CDS282001R0408	S203P-Z8 25kA	2CDS283001R0408	S204P-Z8 25kA	2CDS284001R0408
10	S201P-Z10 25kA	2CDS281001R0428	S202P-Z10 25kA	2CDS282001R0428	S203P-Z10 25kA	2CDS283001R0428	S204P-Z10 25kA	2CDS284001R0428
16	S201P-Z16 25kA	2CDS281001R0468	S202P-Z16 25kA	2CDS282001R0468	S203P-Z16 25kA	2CDS283001R0468	S204P-Z16 25kA	2CDS284001R0468
20	S201P-Z20 25kA	2CDS281001R0488	S202P-Z20 25kA	2CDS282001R0488	S203P-Z20 25kA	2CDS283001R0488	S204P-Z20 25kA	2CDS284001R0488
25	S201P-Z25 25kA	2CDS281001R0518	S202P-Z25 25kA	2CDS282001R0518	S203P-Z25 25kA	2CDS283001R0518	S204P-Z25 25kA	2CDS284001R0518
32	S201P-Z32 15kA	2CDS281001R0538	S202P-Z32 15kA	2CDS282001R0538	S203P-Z32 15kA	2CDS283001R0538	S204P-Z32 15kA	2CDS284001R0538
40	S201P-Z40 15kA	2CDS281001R0558	S202P-Z40 15kA	2CDS282001R0558	S203P-Z40 15kA	2CDS283001R0558	S204P-Z40 15kA	2CDS284001R0558
50	S201P-Z50 15kA	2CDS281001R0578	S202P-Z50 15kA	2CDS282001R0578	S203P-Z50 15kA	2CDS283001R0578	S204P-Z50 15kA	2CDS284001R0578
63	S201P-Z63 15kA	2CDS281001R0608	S202P-Z63 15kA	2CDS282001R0608	S203P-Z63 15kA	2CDS283001R0608	S204P-Z63 15kA	2CDS284001R0608

System ProM compact
SN201 - single pole & switched neutral

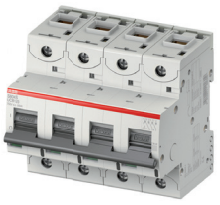


Series SN201 6kA	Product Hierarchy 2400004					
	Type B		Type C		Type D	
	Single Pole + Switched Neutral		Single Pole + Switched Neutral		Single Pole + Switched Neutral	
Rated Current (A)	Part Number	Order Code	Part Number	Order Code	Part Number	Order Code
2	-	-	SN201-C2	2CSS255101R0024	-	-
4	-	-	SN201-C4	2CSS255101R0044	-	-
6	SN201-B6	2CSS255101R0065	SN201-C6	2CSS255101R0064	SN201-D6	2CSS255101R0061
10	SN201-B10	2CSS255101R0105	SN201-C10	2CSS255101R0104	SN201-D10	2CSS255101R0101
13	-	-	SN201-C13	2CSS255101R0134	-	-
16	SN201-B16	2CSS255101R0165	SN201-C16	2CSS255101R0164	SN201-D16	2CSS255101R0161
20	SN201-B20	2CSS255101R0205	SN201-C20	2CSS255101R0204	SN201-D20	2CSS255101R0201
25	SN201-B25	2CSS255101R0255	SN201-C25	2CSS255101R0254	SN201-D25	2CSS255101R0251
32	SN201-B32	2CSS255101R0325	SN201-C32	2CSS255101R0324	SN201-D32	2CSS255101R0321
40	SN201-B40	2CSS255101R0405	SN201-C40	2CSS255101R0404	SN201-D40	2CSS255101R0401

Series SN201M 10kA	Product Hierarchy 2400004			
	Type B		Type C	
	Single Pole + Switched Neutral		Single Pole + Switched Neutral	
Rated Current (A)	Part Number	Order Code	Part Number	Order Code
2	-	-	S201M-C2	2CDS275101R0024
4	-	-	S201M-C4	2CDS275101R0044
6	S201M-B6	2CDS275101R0065	S201M-C6	2CDS275101R0064
10	S201M-B10	2CDS275101R0105	S201M-C10	2CDS275101R0104
16	S201M-B16	2CDS275101R0165	S201M-C16	2CDS275101R0164
20	S201M-B20	2CDS275101R0205	S201M-C20	2CDS275101R0204
25	S201M-B25	2CDS275101R0255	S201M-C25	2CDS275101R0254
32	S201M-B32	2CDS275101R0325	S201M-C32	2CDS275101R0324
40	S201M-B40	2CDS275101R0405	S201M-C40	2CDS275101R0404

System ProM compact
S800C series - B, C, D



Series S800C Type B 25kA

Product Hierarchy 2400003								
	Single Pole		Two Pole		Three Pole		Four Pole	
Rated Current (A)	Part Number	Order Code	Part Number	Order Code	Part Number	Order Code	Part Number	Order Code
10	S801C-B10	2CCS881001R0105	S802C-B10	2CCS882001R0105	S803C-B10	2CCS883001R0105	S804C-B10	2CCS884001R0105
13	S801C-B13	2CCS881001R0135	S802C-B13	2CCS882001R0135	S803C-B13	2CCS883001R0135	S804C-B13	2CCS884001R0135
16	S801C-B16	2CCS881001R0165	S802C-B16	2CCS882001R0165	S803C-B16	2CCS883001R0165	S804C-B16	2CCS884001R0165
20	S801C-B20	2CCS881001R0205	S802C-B20	2CCS882001R0205	S803C-B20	2CCS883001R0205	S804C-B20	2CCS884001R0205
25	S801C-B25	2CCS881001R0255	S802C-B25	2CCS882001R0255	S803C-B25	2CCS883001R0255	S804C-B25	2CCS884001R0255
32	S801C-B32	2CCS881001R0325	S802C-B32	2CCS882001R0325	S803C-B32	2CCS883001R0325	S804C-B32	2CCS884001R0325
40	S801C-B40	2CCS881001R0405	S802C-B40	2CCS882001R0405	S803C-B40	2CCS883001R0405	S804C-B40	2CCS884001R0405
50	S801C-B50	2CCS881001R0505	S802C-B50	2CCS882001R0505	S803C-B50	2CCS883001R0505	S804C-B50	2CCS884001R0505
63	S801C-B63	2CCS881001R0635	S802C-B63	2CCS882001R0635	S803C-B63	2CCS883001R0635	S804C-B63	2CCS884001R0635
80	S801C-B80	2CCS881001R0805	S802C-B80	2CCS882001R0805	S803C-B80	2CCS883001R0805	S804C-B80	2CCS884001R0805
100	S801C-B100	2CCS881001R0825	S802C-B100	2CCS882001R0825	S803C-B100	2CCS883001R0825	S804C-B100	2CCS884001R0825
125	S801C-B125	2CCS881001R0845	S802C-B125	2CCS882001R0845	S803C-B125	2CCS883001R0845	S804C-B125	2CCS884001R0845

Series S800C Type C 25kA

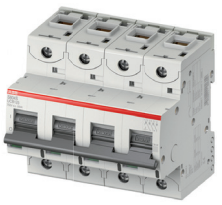
Product Hierarchy 2400003								
	Single Pole		Two Pole		Three Pole		Four Pole	
Rated Current (A)	Part Number	Order Code	Part Number	Order Code	Part Number	Order Code	Part Number	Order Code
10	S801C-C10	2CCS881001R0104	S802C-C10	2CCS882001R0104	S803C-C10	2CCS883001R0104	S804C-C10	2CCS884001R0104
13	S801C-C13	2CCS881001R0134	S802C-C13	2CCS882001R0134	S803C-C13	2CCS883001R0134	S804C-C13	2CCS884001R0134
16	S801C-C16	2CCS881001R0164	S802C-C16	2CCS882001R0164	S803C-C16	2CCS883001R0164	S804C-C16	2CCS884001R0164
20	S801C-C20	2CCS881001R0204	S802C-C20	2CCS882001R0204	S803C-C20	2CCS883001R0204	S804C-C20	2CCS884001R0204
25	S801C-C25	2CCS881001R0254	S802C-C25	2CCS882001R0254	S803C-C25	2CCS883001R0254	S804C-C25	2CCS884001R0254
32	S801C-C32	2CCS881001R0324	S802C-C32	2CCS882001R0324	S803C-C32	2CCS883001R0324	S804C-C32	2CCS884001R0324
40	S801C-C40	2CCS881001R0404	S802C-C40	2CCS882001R0404	S803C-C40	2CCS883001R0404	S804C-C40	2CCS884001R0404
50	S801C-C50	2CCS881001R0504	S802C-C50	2CCS882001R0504	S803C-C50	2CCS883001R0504	S804C-C50	2CCS884001R0504
63	S801C-C63	2CCS881001R0634	S802C-C63	2CCS882001R0634	S803C-C63	2CCS883001R0634	S804C-C63	2CCS884001R0634
80	S801C-C80	2CCS881001R0804	S802C-C80	2CCS882001R0804	S803C-C80	2CCS883001R0804	S804C-C80	2CCS884001R0804
100	S801C-C100	2CCS881001R0824	S802C-C100	2CCS882001R0824	S803C-C100	2CCS883001R0824	S804C-C100	2CCS884001R0824
125	S801C-C125	2CCS881001R0844	S802C-C125	2CCS882001R0844	S803C-C125	2CCS883001R0844	S804C-C125	2CCS884001R0844

Series S800C Type D 25kA

Product Hierarchy 2400003								
	Single Pole		Two Pole		Three Pole		Four Pole	
Rated Current (A)	Part Number	Order Code	Part Number	Order Code	Part Number	Order Code	Part Number	Order Code
10	S801C-D10	2CCS881001R0101	S802C-D10	2CCS882001R0101	S803C-D10	2CCS883001R0101	S804C-D10	2CCS884001R0101
13	S801C-D13	2CCS881001R0131	S802C-D13	2CCS882001R0131	S803C-D13	2CCS883001R0131	S804C-D13	2CCS884001R0131
16	S801C-D16	2CCS881001R0161	S802C-D16	2CCS882001R0161	S803C-D16	2CCS883001R0161	S804C-D16	2CCS884001R0161
20	S801C-D20	2CCS881001R0201	S802C-D20	2CCS882001R0201	S803C-D20	2CCS883001R0201	S804C-D20	2CCS884001R0201
25	S801C-D25	2CCS881001R0251	S802C-D25	2CCS882001R0251	S803C-D25	2CCS883001R0251	S804C-D25	2CCS884001R0251
32	S801C-D32	2CCS881001R0321	S802C-D32	2CCS882001R0321	S803C-D32	2CCS883001R0321	S804C-D32	2CCS884001R0321
40	S801C-D40	2CCS881001R0401	S802C-D40	2CCS882001R0401	S803C-D40	2CCS883001R0401	S804C-D40	2CCS884001R0401
50	S801C-D50	2CCS881001R0501	S802C-D50	2CCS882001R0501	S803C-D50	2CCS883001R0501	S804C-D50	2CCS884001R0501
63	S801C-D63	2CCS881001R0631	S802C-D63	2CCS882001R0631	S803C-D63	2CCS883001R0631	S804C-D63	2CCS884001R0631
80	S801C-D80	2CCS881001R0801	S802C-D80	2CCS882001R0801	S803C-D80	2CCS883001R0801	S804C-D80	2CCS884001R0801
100	S801C-D100	2CCS881001R0821	S802C-D100	2CCS882001R0821	S803C-D100	2CCS883001R0821	S804C-D100	2CCS884001R0821
125	S801C-D125	2CCS881001R0841	S802C-D125	2CCS882001R0841	S803C-D125	2CCS883001R0841	S804C-D125	2CCS884001R0841

System ProM compact
S800C series - K

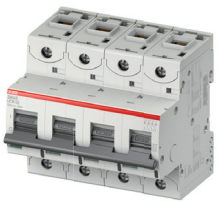


Series S800C Type K 25kA	Product Hierarchy 2400003							
	Single Pole		Two Pole		Three Pole		Four Pole	
Rated Current (A)	Part Number	Order Code	Part Number	Order Code	Part Number	Order Code	Part Number	Order Code
10	S801C-K10	2CCS881001R0427	S802C-K10	2CCS882001R0427	S803C-K10	2CCS883001R0427	S804C-K10	2CCS884001R0427
13	S801C-K13	2CCS881001R0447	S802C-K13	2CCS882001R0447	S803C-K13	2CCS883001R0447	S804C-K13	2CCS884001R0447
16	S801C-K16	2CCS881001R0467	S802C-K16	2CCS882001R0467	S803C-K16	2CCS883001R0467	S804C-K16	2CCS884001R0467
20	S801C-K20	2CCS881001R0487	S802C-K20	2CCS882001R0487	S803C-K20	2CCS883001R0487	S804C-K20	2CCS884001R0487
25	S801C-K25	2CCS881001R0517	S802C-K25	2CCS882001R0517	S803C-K25	2CCS883001R0517	S804C-K25	2CCS884001R0517
32	S801C-K32	2CCS881001R0537	S802C-K32	2CCS882001R0537	S803C-K32	2CCS883001R0537	S804C-K32	2CCS884001R0537
40	S801C-K40	2CCS881001R0557	S802C-K40	2CCS882001R0557	S803C-K40	2CCS883001R0557	S804C-K40	2CCS884001R0557
50	S801C-K50	2CCS881001R0577	S802C-K50	2CCS882001R0577	S803C-K50	2CCS883001R0577	S804C-K50	2CCS884001R0577
63	S801C-K63	2CCS881001R0597	S802C-K63	2CCS882001R0597	S803C-K63	2CCS883001R0597	S804C-K63	2CCS884001R0597
80	S801C-K80	2CCS881001R0627	S802C-K80	2CCS882001R0627	S803C-K80	2CCS883001R0627	S804C-K80	2CCS884001R0627
100	S801C-K100	2CCS881001R0637	S802C-K100	2CCS882001R0637	S803C-K100	2CCS883001R0637	S804C-K100	2CCS884001R0637
125	S801C-K125	2CCS881001R0647	S802C-K125	2CCS882001R0647	S803C-K125	2CCS883001R0647	S804C-K125	2CCS884001R0647

System ProM compact
S800N series - B, C, D



Series S800N Type B 36kA

Product Hierarchy 2400003								
	Single Pole		Two Pole		Three Pole		Four Pole	
Rated Current (A)	Part Number	Order Code	Part Number	Order Code	Part Number	Order Code	Part Number	Order Code
10	S801N-B10	2CCS891001R0105	S802N-B10	2CCS892001R0105	S803N-B10	2CCS893001R0105	S804N-B10	2CCS894001R0105
13	S801N-B13	2CCS891001R0135	S802N-B13	2CCS892001R0135	S803N-B13	2CCS893001R0135	S804N-B13	2CCS894001R0135
16	S801N-B16	2CCS891001R0165	S802N-B16	2CCS892001R0165	S803N-B16	2CCS893001R0165	S804N-B16	2CCS894001R0165
20	S801N-B20	2CCS891001R0205	S802N-B20	2CCS892001R0205	S803N-B20	2CCS893001R0205	S804N-B20	2CCS894001R0205
25	S801N-B25	2CCS891001R0255	S802N-B25	2CCS892001R0255	S803N-B25	2CCS893001R0255	S804N-B25	2CCS894001R0255
32	S801N-B32	2CCS891001R0325	S802N-B32	2CCS892001R0325	S803N-B32	2CCS893001R0325	S804N-B32	2CCS894001R0325
40	S801N-B40	2CCS891001R0405	S802N-B40	2CCS892001R0405	S803N-B40	2CCS893001R0405	S804N-B40	2CCS894001R0405
50	S801N-B50	2CCS891001R0505	S802N-B50	2CCS892001R0505	S803N-B50	2CCS893001R0505	S804N-B50	2CCS894001R0505
63	S801N-B63	2CCS891001R0635	S802N-B63	2CCS892001R0635	S803N-B63	2CCS893001R0635	S804N-B63	2CCS894001R0635
80	S801N-B80	2CCS891001R0805	S802N-B80	2CCS892001R0805	S803N-B80	2CCS893001R0805	S804N-B80	2CCS894001R0805
100	S801N-B100	2CCS891001R0825	S802N-B100	2CCS892001R0825	S803N-B100	2CCS893001R0825	S804N-B100	2CCS894001R0825
125	S801N-B125	2CCS891001R0845	S802N-B125	2CCS892001R0845	S803N-B125	2CCS893001R0845	S804N-B125	2CCS894001R0845

Series S800N Type C 36kA

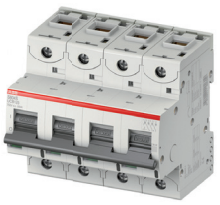
Product Hierarchy 2400003								
	Single Pole		Two Pole		Three Pole		Four Pole	
Rated Current (A)	Part Number	Order Code	Part Number	Order Code	Part Number	Order Code	Part Number	Order Code
10	S801N-C10	2CCS891001R0104	S802N-C10	2CCS892001R0104	S803N-C10	2CCS893001R0104	S804N-C10	2CCS894001R0104
13	S801N-C13	2CCS891001R0134	S802N-C13	2CCS892001R0134	S803N-C13	2CCS893001R0134	S804N-C13	2CCS894001R0134
16	S801N-C16	2CCS891001R0164	S802N-C16	2CCS892001R0164	S803N-C16	2CCS893001R0164	S804N-C16	2CCS894001R0164
20	S801N-C20	2CCS891001R0204	S802N-C20	2CCS892001R0204	S803N-C20	2CCS893001R0204	S804N-C20	2CCS894001R0204
25	S801N-C25	2CCS891001R0254	S802N-C25	2CCS892001R0254	S803N-C25	2CCS893001R0254	S804N-C25	2CCS894001R0254
32	S801N-C32	2CCS891001R0324	S802N-C32	2CCS892001R0324	S803N-C32	2CCS893001R0324	S804N-C32	2CCS894001R0324
40	S801N-C40	2CCS891001R0404	S802N-C40	2CCS892001R0404	S803N-C40	2CCS893001R0404	S804N-C40	2CCS894001R0404
50	S801N-C50	2CCS891001R0504	S802N-C50	2CCS892001R0504	S803N-C50	2CCS893001R0504	S804N-C50	2CCS894001R0504
63	S801N-C63	2CCS891001R0634	S802N-C63	2CCS892001R0634	S803N-C63	2CCS893001R0634	S804N-C63	2CCS894001R0634
80	S801N-C80	2CCS891001R0804	S802N-C80	2CCS892001R0804	S803N-C80	2CCS893001R0804	S804N-C80	2CCS894001R0804
100	S801N-C100	2CCS891001R0824	S802N-C100	2CCS892001R0824	S803N-C100	2CCS893001R0824	S804N-C100	2CCS894001R0824
125	S801N-C125	2CCS891001R0844	S802N-C125	2CCS892001R0844	S803N-C125	2CCS893001R0844	S804N-C125	2CCS894001R0844

Series S800N Type D 36kA

Product Hierarchy 2400003								
	Single Pole		Two Pole		Three Pole		Four Pole	
Rated Current (A)	Part Number	Order Code	Part Number	Order Code	Part Number	Order Code	Part Number	Order Code
10	S801N-D10	2CCS891001R0101	S802N-D10	2CCS892001R0101	S803N-D10	2CCS893001R0101	S804N-D10	2CCS894001R0101
13	S801N-D13	2CCS891001R0131	S802N-D13	2CCS892001R0131	S803N-D13	2CCS893001R0131	S804N-D13	2CCS894001R0131
16	S801N-D16	2CCS891001R0161	S802N-D16	2CCS892001R0161	S803N-D16	2CCS893001R0161	S804N-D16	2CCS894001R0161
20	S801N-D20	2CCS891001R0201	S802N-D20	2CCS892001R0201	S803N-D20	2CCS893001R0201	S804N-D20	2CCS894001R0201
25	S801N-D25	2CCS891001R0251	S802N-D25	2CCS892001R0251	S803N-D25	2CCS893001R0251	S804N-D25	2CCS894001R0251
32	S801N-D32	2CCS891001R0321	S802N-D32	2CCS892001R0321	S803N-D32	2CCS893001R0321	S804N-D32	2CCS894001R0321
40	S801N-D40	2CCS891001R0401	S802N-D40	2CCS892001R0401	S803N-D40	2CCS893001R0401	S804N-D40	2CCS894001R0401
50	S801N-D50	2CCS891001R0501	S802N-D50	2CCS892001R0501	S803N-D50	2CCS893001R0501	S804N-D50	2CCS894001R0501
63	S801N-D63	2CCS891001R0631	S802N-D63	2CCS892001R0631	S803N-D63	2CCS893001R0631	S804N-D63	2CCS894001R0631
80	S801N-D80	2CCS891001R0801	S802N-D80	2CCS892001R0801	S803N-D80	2CCS893001R0801	S804N-D80	2CCS894001R0801
100	S801N-D100	2CCS891001R0821	S802N-D100	2CCS892001R0821	S803N-D100	2CCS893001R0821	S804N-D100	2CCS894001R0821
125	S801N-D125	2CCS891001R0841	S802N-D125	2CCS892001R0841	S803N-D125	2CCS893001R0841	S804N-D125	2CCS894001R0841

System ProM compact
S800S series - B, C, K



Series S800S Type B 50kA

Product Hierarchy 2400003								
	Single Pole		Two Pole		Three Pole		Four Pole	
Rated Current (A)	Part Number	Order Code	Part Number	Order Code	Part Number	Order Code	Part Number	Order Code
6	S801S-B6	2CCS861001R0065	S802S-B6	2CCS862001R0065	S803S-B6	2CCS863001R0065	S804S-B6	2CCS864001R0065
8	S801S-B8	2CCS861001R0085	S802S-B8	2CCS862001R0085	S803S-B8	2CCS863001R0085	S804S-B8	2CCS864001R0085
10	S801S-B10	2CCS861001R0105	S802S-B10	2CCS862001R0105	S803S-B10	2CCS863001R0105	S804S-B10	2CCS864001R0105
16	S801S-B16	2CCS861001R0165	S802S-B16	2CCS862001R0165	S803S-B16	2CCS863001R0165	S804S-B16	2CCS864001R0165
20	S801S-B20	2CCS861001R0205	S802S-B20	2CCS862001R0205	S803S-B20	2CCS863001R0205	S804S-B20	2CCS864001R0205
25	S801S-B25	2CCS861001R0255	S802S-B25	2CCS862001R0255	S803S-B25	2CCS863001R0255	S804S-B25	2CCS864001R0255
32	S801S-B32	2CCS861001R0325	S802S-B32	2CCS862001R0325	S803S-B32	2CCS863001R0325	S804S-B32	2CCS864001R0325
40	S801S-B40	2CCS861001R0405	S802S-B40	2CCS862001R0405	S803S-B40	2CCS863001R0405	S804S-B40	2CCS864001R0405
50	S801S-B50	2CCS861001R0505	S802S-B50	2CCS862001R0505	S803S-B50	2CCS863001R0505	S804S-B50	2CCS864001R0505
63	S801S-B63	2CCS861001R0635	S802S-B63	2CCS862001R0635	S803S-B63	2CCS863001R0635	S804S-B63	2CCS864001R0635
80	S801S-B80	2CCS861001R0805	S802S-B80	2CCS862001R0805	S803S-B80	2CCS863001R0805	S804S-B80	2CCS864001R0805
100	S801S-B100	2CCS861001R0825	S802S-B100	2CCS862001R0825	S803S-B100	2CCS863001R0825	S804S-B100	2CCS864001R0825
125	S801S-B125	2CCS861001R0845	S802S-B125	2CCS862001R0845	S803S-B125	2CCS863001R0845	S804S-B125	2CCS864001R0845

Series S800S Type C 50kA

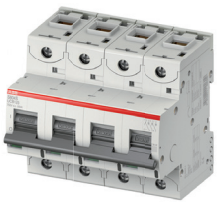
Product Hierarchy 2400003								
	Single Pole		Two Pole		Three Pole		Four Pole	
Rated Current (A)	Part Number	Order Code	Part Number	Order Code	Part Number	Order Code	Part Number	Order Code
6	S801S-C6	2CCS861001R0064	S802S-C6	2CCS862001R0064	S803S-C6	2CCS863001R0064	S804S-C6	2CCS864001R0064
8	S801S-C8	2CCS861001R0084	S802S-C8	2CCS862001R0084	S803S-C8	2CCS863001R0084	S804S-C8	2CCS864001R0084
10	S801S-C10	2CCS861001R0104	S802S-C10	2CCS862001R0104	S803S-C10	2CCS863001R0104	S804S-C10	2CCS864001R0104
16	S801S-C16	2CCS861001R0164	S802S-C16	2CCS862001R0164	S803S-C16	2CCS863001R0164	S804S-C16	2CCS864001R0164
20	S801S-C20	2CCS861001R0204	S802S-C20	2CCS862001R0204	S803S-C20	2CCS863001R0204	S804S-C20	2CCS864001R0204
25	S801S-C25	2CCS861001R0254	S802S-C25	2CCS862001R0254	S803S-C25	2CCS863001R0254	S804S-C25	2CCS864001R0254
32	S801S-C32	2CCS861001R0324	S802S-C32	2CCS862001R0324	S803S-C32	2CCS863001R0324	S804S-C32	2CCS864001R0324
40	S801S-C40	2CCS861001R0404	S802S-C40	2CCS862001R0404	S803S-C40	2CCS863001R0404	S804S-C40	2CCS864001R0404
50	S801S-C50	2CCS861001R0504	S802S-C50	2CCS862001R0504	S803S-C50	2CCS863001R0504	S804S-C50	2CCS864001R0504
63	S801S-C63	2CCS861001R0634	S802S-C63	2CCS862001R0634	S803S-C63	2CCS863001R0634	S804S-C63	2CCS864001R0634
80	S801S-C80	2CCS861001R0804	S802S-C80	2CCS862001R0804	S803S-C80	2CCS863001R0804	S804S-C80	2CCS864001R0804
100	S801S-C100	2CCS861001R0824	S802S-C100	2CCS862001R0824	S803S-C100	2CCS863001R0824	S804S-C100	2CCS864001R0824
125	S801S-C125	2CCS861001R0844	S802S-C125	2CCS862001R0844	S803S-C125	2CCS863001R0844	S804S-C125	2CCS864001R0844

Series S800S Type D 50kA

Product Hierarchy 2400003								
	Single Pole		Two Pole		Three Pole		Four Pole	
Rated Current (A)	Part Number	Order Code	Part Number	Order Code	Part Number	Order Code	Part Number	Order Code
6	S801S-D6	2CCS861001R0061	S802S-D6	2CCS862001R0061	S803S-D6	2CCS863001R0061	S804S-D6	2CCS864001R0061
8	S801S-D8	2CCS861001R0081	S802S-D8	2CCS862001R0081	S803S-D8	2CCS863001R0081	S804S-D8	2CCS864001R0081
10	S801S-D10	2CCS861001R0101	S802S-D10	2CCS862001R0101	S803S-D10	2CCS863001R0101	S804S-D10	2CCS864001R0101
13	S801S-D13	2CCS861001R0131	S802S-D13	2CCS862001R0131	S803S-D13	2CCS863001R0131	S804S-D13	2CCS864001R0131
16	S801S-D16	2CCS861001R0161	S802S-D16	2CCS862001R0161	S803S-D16	2CCS863001R0161	S804S-D16	2CCS864001R0161
20	S801S-D20	2CCS861001R0201	S802S-D20	2CCS862001R0201	S803S-D20	2CCS863001R0201	S804S-D20	2CCS864001R0201
25	S801S-D25	2CCS861001R0251	S802S-D25	2CCS862001R0251	S803S-D25	2CCS863001R0251	S804S-D25	2CCS864001R0251
32	S801S-D32	2CCS861001R0321	S802S-D32	2CCS862001R0321	S803S-D32	2CCS863001R0321	S804S-D32	2CCS864001R0321
40	S801S-D40	2CCS861001R0401	S802S-D40	2CCS862001R0401	S803S-D40	2CCS863001R0401	S804S-D40	2CCS864001R0401
50	S801S-D50	2CCS861001R0501	S802S-D50	2CCS862001R0501	S803S-D50	2CCS863001R0501	S804S-D50	2CCS864001R0501
63	S801S-D63	2CCS861001R0631	S802S-D63	2CCS862001R0631	S803S-D63	2CCS863001R0631	S804S-D63	2CCS864001R0631
80	S801S-D80	2CCS861001R0801	S802S-D80	2CCS862001R0801	S803S-D80	2CCS863001R0801	S804S-D80	2CCS864001R0801
100	S801S-D100	2CCS861001R0821	S802S-D100	2CCS862001R0821	S803S-D100	2CCS863001R0821	S804S-D100	2CCS864001R0821
125	S801S-D125	2CCS861001R0841	S802S-D125	2CCS862001R0841	S803S-D125	2CCS863001R0841	S804S-D125	2CCS864001R0841

System ProM compact
S800S series - K



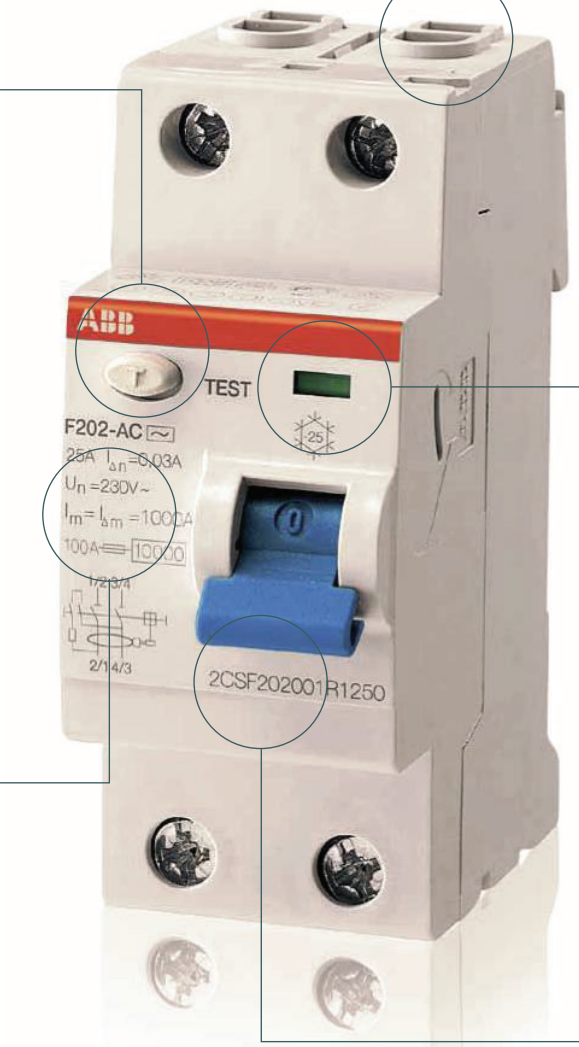



Series S800S Type K 50kA	Product Hierarchy 2400003							
	Single Pole		Two Pole		Three Pole		Four Pole	
Rated Current (A)	Part Number	Order Code	Part Number	Order Code	Part Number	Order Code	Part Number	Order Code
6	S801S-K6	2CCS861001R0067	S802S-K6	2CCS862001R0067	S803S-K6	2CCS863001R0067	S804S-K6	2CCS864001R0067
8	S801S-K8	2CCS861001R0407	S802S-K8	2CCS862001R0407	S803S-K8	2CCS863001R0407	S804S-K8	2CCS864001R0407
10	S801S-K10	2CCS861001R0427	S802S-K10	2CCS862001R0427	S803S-K10	2CCS863001R0427	S804S-K10	2CCS864001R0427
16	S801S-K16	2CCS861001R0467	S802S-K16	2CCS862001R0467	S803S-K16	2CCS863001R0467	S804S-K16	2CCS864001R0467
20	S801S-K20	2CCS861001R0487	S802S-K20	2CCS862001R0487	S803S-K20	2CCS863001R0487	S804S-K20	2CCS864001R0487
25	S801S-K25	2CCS861001R0517	S802S-K25	2CCS862001R0517	S803S-K25	2CCS863001R0517	S804S-K25	2CCS864001R0517
32	S801S-K32	2CCS861001R0537	S802S-K32	2CCS862001R0537	S803S-K32	2CCS863001R0537	S804S-K32	2CCS864001R0537
40	S801S-K40	2CCS861001R0557	S802S-K40	2CCS862001R0557	S803S-K40	2CCS863001R0557	S804S-K40	2CCS864001R0557
50	S801S-K50	2CCS861001R0577	S802S-K50	2CCS862001R0577	S803S-K50	2CCS863001R0577	S804S-K50	2CCS864001R0577
63	S801S-K63	2CCS861001R0597	S802S-K63	2CCS862001R0597	S803S-K63	2CCS863001R0597	S804S-K63	2CCS864001R0597
80	S801S-K80	2CCS861001R0627	S802S-K80	2CCS862001R0627	S803S-K80	2CCS863001R0627	S804S-K80	2CCS864001R0627
100	S801S-K100	2CCS861001R0637	S802S-K100	2CCS862001R0637	S803S-K100	2CCS863001R0637	S804S-K100	2CCS864001R0637
125	S801S-K125	2CCS861001R0647	S802S-K125	2CCS862001R0647	S803S-K125	2CCS863001R0647	S804S-K125	2CCS864001R0647

System ProM compact
Earth leakage introduction

Bi-directional cylindrical terminal ensure higher safety of connecting operations, making them easier

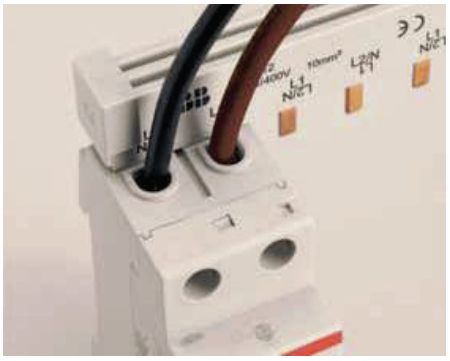
Test pushbutton to verify the correct functioning of the device



Contact position indicator (CPI): to always know the status of the contacts (red: closed contacts; green: open contacts) independently on the toggle position

Imformation on the device are laser printed to make them clearly visible and long lasting

Laser marked order code on the front to make easier future orders

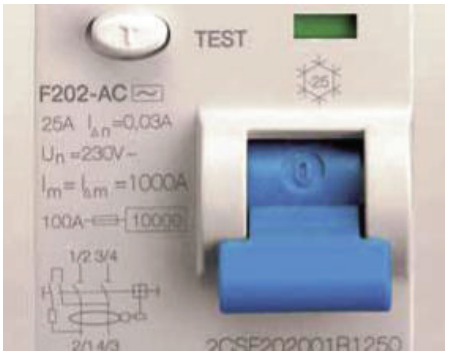


Two terminals are available, the fore one for cables up to 25 mm^2, the back one for cables up to 10 mm^2 or for busbars.

RCCBs F200 can be used in ambient conditions where the temperature of the surrounding atmosphere has values between -25°C (snowflake laser printed on the front of the device) and +55°C.

The availability of two terminals offers different connection solutions thanks to the possibility to connect two indipendent cables in the same device: the second terminal can be used for an auxiliary circuit or for the supply of devices with small section cables without connecting them together with the main circuit.

All the safety ensured by the international marks: approvals' marking in a visible area, even if RCDs is installed and with the panel-door closed.



High performances:
- rated breaking capacity and rated residual breaking capacity laser printed on the device: Im=IΔm= 1000 A
- coordination with a 100 A rated current SCPD (short-circuit protective device) = 10000 A.

The F 202 can be coupled with the autoreclosing unit F2C-ARH in order to ensure continuity of service for the whole installation of your home avo ding lack of supply.

System ProM compact
F200 AC, A - 2 & 4 pole RCCBs

F200 AC Type RCCBs 2 & 4 Pole

AC - BS/EN 61008

Product Hierarchy 2500001

		Two Pole			Four Pole	
Rated Current	Tripping mA	Part No	Order Code		Part No	Order Code
25	30	F202 AC-25/0.03	2CSF202001R1250		F204 AC-25/0.03	2CSF204001R1250
40		F202 AC-40/0.03	2CSF202001R1400		F204 AC-40/0.03	2CSF204001R1400
63		F202 AC-63/0.03	2CSF202001R1630		F204 AC-63/0.03	2CSF204001R1630
80		F202 AC-80/0.03	2CSF202001R1800		F204 AC-80/0.03	2CSF204001R1800
100		F202 AC-100/0.03	2CSF202001R1900		F204 AC-100/0.03	2CSF204001R1900
125		-	-		F204 AC-125/0.03	2CSF204001R1950
25	100	F202 AC-25/0.1	2CSF202001R2250		F204 AC-25/0.1	2CSF204001R2250
40		F202 AC-40/0.1	2CSF202001R2400		F204 AC-40/0.1	2CSF204001R2400
63		F202 AC-63/0.1	2CSF202001R2630		F204 AC-63/0.1	2CSF204001R2630
80		F202 AC-80/0.1	2CSF202001R2800		F204 AC-80/0.1	2CSF204001R2800
100		F202 AC-100/0.1	2CSF202001R2900		F204 AC-100/0.1	2CSF204001R2900
125		-	-		F204 AC-125/0.1	2CSF204001R2950
25	300	F202 AC-25/0.3	2CSF202001R3250		F204 AC-25/0.3	2CSF204001R3250
40		F202 AC-40/0.3	2CSF202001R3400		F204 AC-40/0.3	2CSF204001R3400
63		F202 AC-63/0.3	2CSF202001R3630		F204 AC-63/0.3	2CSF204001R3630
80		F202 AC-80/0.3	2CSF202001R3800		F204 AC-80/0.3	2CSF204001R3800
100		F202 AC-100/0.3	2CSF202001R3900		F204 AC-100/0.3	2CSF204001R3900
125		-	-		F204 AC-125/0.3	2CSF204001R3950

F200 A Type RCCBs 2 & 4 Pole

AC - BS/EN 61008

Product Hierarchy 2500001

		Two Pole			Four Pole	
Rated Current	Tripping mA	Part No	Order Code		Part No	Order Code
16	10	F202 A-16/0.01	2CSF202101R0160		-	-
25	30	F202 A-25/0.03	2CSF202101R1250		F204 A-25/0.03	2CSF204101R1250
40		F202 A-40/0.03	2CSF202101R1400		F204 A-40/0.03	2CSF204101R1400
63		F202 A-63/0.03	2CSF202101R1630		F204 A-63/0.03	2CSF204101R1630
80		F202 A-80/0.03	2CSF202101R1800		F204 A-80/0.03	2CSF204101R1800
100		F202 A-100/0.03	2CSF202101R1900		F204 A-100/0.03	2CSF204101R1900
125		-	-		F204 A-125/0.03	2CSF204101R1950
25	100	F202 A-25/0.1	2CSF202101R2250		F204 A-25/0.1	2CSF204101R2250
40		F202 A-40/0.1	2CSF202101R2400		F204 A-40/0.1	2CSF204101R2400
63		F202 A-63/0.1	2CSF202101R2630		F204 A-63/0.1	2CSF204101R2630
80		F202 A-80/0.1	2CSF202101R2800		F204 A-80/0.1	2CSF204101R2800
100		F202 A-100/0.1	2CSF202101R2900		F204 A-100/0.1	2CSF204101R2900
125		-	-		F204 A-125/0.1	2CSF204101R2950
25	300	F202 A-25/0.3	2CSF202101R3250		F204 A-25/0.3	2CSF204101R3250
40		F202 A-40/0.3	2CSF202101R3400		F204 A-40/0.3	2CSF204101R3400
63		F202 A-63/0.3	2CSF202101R3630		F204 A-63/0.3	2CSF204101R3630
80		F202 A-80/0.3	2CSF202101R3800		F204 A-80/0.3	2CSF204101R3800
100		F202 A-100/0.3	2CSF202101R3900		F204 A-100/0.3	2CSF204101R3900
125		-	-		F204 A-125/0.3	2CSF204101R3950

System ProM compact
DDA200 AC - 2, 3, 4 pole RCD block

DDA 200 AC type		Product Hierarchy 2500001					
		Two Pole		Three Pole		Four Pole	
Rated Current	Tripping mA	Part No	Order Code	Part No	Order Code	Part No	Order Code
25	10	DDA202 AC-25/0.01	2CSB202001R0250	-	-	-	-
25	30	DDA202 AC-25/0.03	2CSB202001R1250	DDA203 AC-25/0.03	2CSB203001R1250	DDA204 AC-25/0.03	2CSB204001R1250
40		DDA202 AC-40/0.03	2CSB202001R1400	DDA203 AC-40/0.03	2CSB203001R1400	DDA204 AC-40/0.03	2CSB204001R1400
63		DDA202 AC-63/0.03	2CSB202001R1630	DDA203 AC-63/0.03	2CSB203001R1630	DDA204 AC-63/0.03	2CSB204001R1630
25	100	DDA202 AC-25/0.1	2CSB202001R2250	DDA203 AC-25/0.1	2CSB203001R2250	DDA204 AC-25/0.1	2CSB204001R2250
40		DDA202 AC-40/0.1	2CSB202001R2400	DDA203 AC-40/0.1	2CSB203001R2400	DDA204 AC-40/0.1	2CSB204001R2400
63		DDA202 AC-63/0.1	2CSB202001R2630	DDA203 AC-63/0.1	2CSB203001R2630	DDA204 AC-63/0.1	2CSB204001R2630
25	300	DDA204 AC-25/0.3	2CSB202001R3250	DDA203 AC-25/0.3	2CSB203001R3250	DDA204 AC-25/0.3	2CSB204001R3250
40		DDA204 AC-40/0.3	2CSB202001R3400	DDA203 AC-40/0.3	2CSB203001R3400	DDA204 AC-40/0.3	2CSB204001R3400
63		DDA204 AC-63/0.3	2CSB202001R3630	DDA203 AC-63/0.3	2CSB203001R3630	DDA204 AC-63/0.3	2CSB204001R3630

DDA800 A_ type - 2, 3, 4 RCBO (for S800)

DDA800 50kA			Product Hierarchy 2500001					
			Two Pole		Three Pole		Four Pole	
Rated Current	Type	Tripping mA	Part No	Order Code	Part No	Order Code	Part No	Order Code
63A	A	30	DDA802A-63/0,03	2CSB802101R1630	DDA803A-63/0,03	2CSB803101R1630	DDA804A-63/0,03	2CSB804101R1630
	AC		DDA802AC-63/0,03	2CSB802001R1630	DDA803AC-63/0,03	2CSB803001R1630	DDA804AC-63/0,03	2CSB804001R1630
	AP-R		DDA802A-63/0,03 AP-R	2CSB802401R1630	DDA803A-63/0,03AP-R	2CSB803401R1630	DDA804A-63/0,03AP-R	2CSB804401R1630
	A	300	DDA802A-63/0,3	2CSB802101R3630	DDA803A-63/0,3	2CSB803101R3630	DDA804A-63/0,3	2CSB804101R3630
	AC		DDA802AC-63/0,3	2CSB802001R3630	DDA803AC-63/0,3	2CSB803001R3630	DDA804AC-63/0,3	2CSB804001R3630
	AS		DDA802AS-63/0,3	2CSB802201R3630	DDA803AS-63/0,3	2CSB803201R3630	DDA804AS-63/0,3	2CSB804201R3630
	A	500	DDA802A-63/0,5	2CSB802101R4630	DDA803A-63/0,5	2CSB803101R4630	DDA804A-63/0,5	2CSB804101R4630
	AS	1000	DDA802AS-63/1	2CSB802201R5630	DDA803AS-63/1	2CSB803201R5630	DDA804AS-63/1	2CSB804201R5630
100A	AP-R	30	DDA802A-100/0,03 AP-R	2CSB802401R1000	DDA803A-100/0,03 AP-R	2CSB803401R1000	DDA804A-100/0,03 AP-R	2CSB804401R1000
	A	300	DDA802A-100/0,3	2CSB802101R3000	DDA803A-100/0,3	2CSB803101R3000	DDA804 A-100/0,3	2CSB804101R3000
	AS		DDA802AS-100/0,3	2CSB802201R3000	DDA803AS-100/0,3	2CSB803201R3000	DDA804AS-100/0,3	2CSB804201R3000
	A	500	DDA802A-100/0,5	2CSB802101R4000	DDA803A-100/0,5	2CSB803101R4000	DDA804A-100/0,5	2CSB804101R4000
	AS	1000	DDA802AS-100/1	2CSB802201R5000	DDA803AS-100/1	2CSB803201R5000	DDA804AS-100/1	2CSB804201R5000

System ProM compact
DS201M AC B, C - 1+N pole RCBO

DS201M AC 1+N - Type B, C 10kA		Product Hierarchy 2500001			
		Type B		Type C	
Rated Current	Tripping mA	Part No	Order Code	Part No	Order Code
6	30	DS201M-B6 AC30	2CSR275040R1065	DS201M-C6 AC30	2CSR275040R1064
10		DS201M-B10 AC30	2CSR275040R1105	DS201M-C10 AC30	2CSR275040R1104
13		DS201M-B13 AC30	2CSR275040R1135	DS201M-C13 AC30	2CSR275040R1134
16		DS201M-B16 AC30	2CSR275040R1165	DS201M-C16 AC30	2CSR275040R1164
20		DS201M-B20 AC30	2CSR275040R1205	DS201M-C20 AC30	2CSR275040R1204
25		DS201M-B25 AC30	2CSR275040R1255	DS201M-C25 AC30	2CSR275040R1254
32		DS201M-B32 AC30	2CSR275040R1325	DS201M-C32 AC30	2CSR275040R1324
40		DS201M-B40 AC30	2CSR275040R1405	DS201M-C40 AC30	2CSR275040R1404
6	100	DS201M-B6 AC100	2CSR275040R2065	DS201M-C6 AC100	2CSR275040R2064
10		DS201M-B10 AC100	2CSR275040R2105	DS201M-C10 AC100	2CSR275040R2104
13		DS201M-B13 AC100	2CSR275040R2135	DS201M-C13 AC100	2CSR275040R2134
16		DS201M-B16 AC100	2CSR275040R2165	DS201M-C16 AC100	2CSR275040R2164
20		DS201M-B20 AC100	2CSR275040R2205	DS201M-C20 AC100	2CSR275040R2204
25		DS201M-B25 AC100	2CSR275040R2255	DS201M-C25 AC100	2CSR275040R2254
32		DS201M-B32 AC100	2CSR275040R2325	DS201M-C32 AC100	2CSR275040R2324
40		DS201M-B40 AC100	2CSR275040R2405	DS201M-C40 AC100	2CSR275040R2404
6	300	DS201M-B6 AC300	2CSR275040R3065	DS201M-C6 AC300	2CSR275040R3064
10		DS201M-B10 AC300	2CSR275040R3105	DS201M-C10 AC300	2CSR275040R3104
13		DS201M-B13 AC300	2CSR275040R3135	DS201M-C13 AC300	2CSR275040R3134
16		DS201M-B16 AC300	2CSR275040R3165	DS201M-C16 AC300	2CSR275040R3164
20		DS201M-B20 AC300	2CSR275040R3205	DS201M-C20 AC300	2CSR275040R3204
25		DS201M-B25 AC300	2CSR275040R3255	DS201M-C25 AC300	2CSR275040R3254
32		DS201M-B32 AC300	2CSR275040R3325	DS201M-C32 AC300	2CSR275040R3324
40		DS201M-B40 AC300	2CSR275040R3405	DS201M-C40 ACC300	2CSR275040R3404

System ProM compact
DS271 AC & A B, C RCBOs

DS271 AC type 10kA

Product Hierarchy 2500001

Rated Current	Tripping mA	Type B		Type C	
		Part No	Order Code	Part No	Order Code
6	10mA	DS271 AC-B6/0.01	2CSR175092R0065	DS271 AC-C6/0.01	2CSR175092R0064
10		DS271 AC-B10/0.01	2CSR175092R0105	DS271 AC-C10/0.01	2CSR175092R0104
16		DS271 AC-B16/0.01	2CSR175092R0165	DS271 AC-C16/0.01	2CSR175092R0164
20		DS271 AC-B20/0.01	2CSR175092R0205	DS271 AC-C20/0.01	2CSR175092R0204
25		DS271 AC-B25/0.01	2CSR175092R0255	DS271 AC-C25/0.01	2CSR175092R0254
32		DS271 AC-B32/0.01	2CSR175092R0325	DS271 AC-C32/0.01	2CSR175092R0324
6	30mA	DS271 AC-B6/0.03	2CSR175092R1065	DS271 AC-C6/0.03	2CSR175092R1064
10		DS271 AC-B10/0.03	2CSR175092R1105	DS271 AC-C10/0.03	2CSR175092R1104
16		DS271 AC-B16/0.03	2CSR175092R1165	DS271 AC-C16/0.03	2CSR175092R1164
20		DS271 AC-B20/0.03	2CSR175092R1205	DS271 AC-C20/0.03	2CSR175092R1204
25		DS271 AC-B25/0.03	2CSR175092R1255	DS271 AC-C25/0.03	2CSR175092R1254
32		DS271 AC-B32/0.03	2CSR175092R1325	DS271 AC-C32/0.03	2CSR175092R1324
40		-	-	DS271 AC-C40/0.03	2CSR175092R1404
6	100mA	-	-	DS271 AC-C6/0.1	2CSR175092R2064
10		-	-	DS271 AC-C10/0.1	2CSR175092R2104
16		-	-	DS271 AC-C16/0.1	2CSR175092R2164
20		-	-	DS271 AC-C20/0.1	2CSR175092R2204
25		-	-	DS271 AC-C25/0.1	2CSR175092R2254
32		-	-	DS271 AC-C32/0.1	2CSR175092R2324
6	300mA	-	-	DS271 AC-C6/00.3	2CSR175092R3064
10		-	-	DS271 AC-C10/00.3	2CSR175092R3104
16		-	-	DS271 AC-C16/00.3	2CSR175092R3164
20		-	-	DS271 AC-C20/00.3	2CSR175092R3204
25		-	-	DS271 AC-C25/00.3	2CSR175092R3254
32		-	-	DS271 AC-C32/00.3	2CSR175092R3324
40		-	-	DS271 AC-C40/00.3	2CSR175092R3404

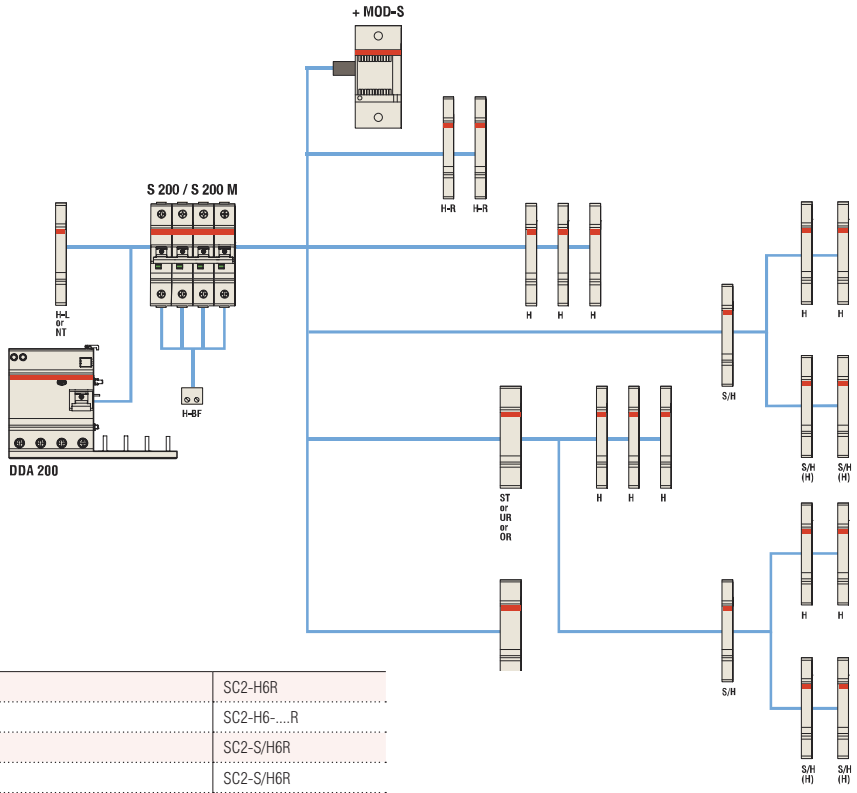
DS271 A type 10kA

Product Hierarchy 2500001

Rated Current	Tripping mA	Type B		Type C	
		Part No	Order Code	Part No	Order Code
6	10mA	DS271 A-B6/0.01	2CSR175192R0065	DS271 A-C6/0.01	2CSR175192R0064
10		DS271 A-B10/0.01	2CSR175192R0105	DS271 A-C10/0.01	2CSR175192R0104
16		DS271 A-B16/0.01	2CSR175192R0165	DS271 A-C16/0.01	2CSR175192R0164
20		DS271 A-B20/0.01	2CSR175192R0205	DS271 A-C20/0.01	2CSR175192R0204
25		DS271 A-B25/0.01	2CSR175192R0255	DS271 A-C25/0.01	2CSR175192R0254
32		DS271 A-B32/0.01	2CSR175192R0325	DS271 A-C32/0.01	2CSR175192R0324
6	30mA	DS271 A-B6/0.03	2CSR175192R1065	DS271 A-C6/0.03	2CSR175192R1064
10		DS271 A-B10/0.03	2CSR175192R1105	DS271 A-C10/0.03	2CSR175192R1104
16		DS271 A-B16/0.03	2CSR175192R1165	DS271 A-C16/0.03	2CSR175192R1164
20		DS271 A-B20/0.03	2CSR175192R1205	DS271 A-C20/0.03	2CSR175192R1204
25		DS271 A-B25/0.03	2CSR175192R1255	DS271 A-C25/0.03	2CSR175192R1254
32		DS271 A-B32/0.03	2CSR175192R1325	DS271 A-C32/0.03	2CSR175192R1324
6	100mA	-	-	DS271 A-C6/0.1	2CSR175192R2064
10		-	-	DS271 A-C10/0.1	2CSR175192R2104
16		-	-	DS271 A-C16/0.1	2CSR175192R2164
20		-	-	DS271 A-C20/0.1	2CSR175192R2204
25		-	-	DS271 A-C25/0.1	2CSR175192R2254
32		-	-	DS271 A-C32/0.1	2CSR175192R2324
40		-	-	-	-
6	300mA	-	-	DS271 A-C6/00.3	2CSR175192R3064
10		-	-	DS271 A-C10/00.3	2CSR175192R3104
16		-	-	DS271 A-C16/00.3	2CSR175192R3164
20		-	-	DS271 A-C20/00.3	2CSR175192R3204
25		-	-	DS271 A-C25/00.3	2CSR175192R3254
32		-	-	DS271 A-C32/00.3	2CSR175192R3324
40		-	-	DS271 A-C32/00.3	2CSR175192R3404

System ProM compact
Accessories overview

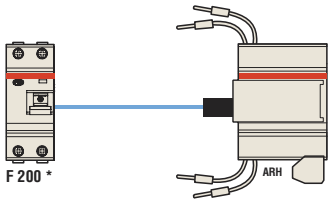
Combination of auxiliary elements with S200, DDA200 + S200 or DS200



H	Auxiliary contact	SC2-H6R
H-R	Auxiliary contact	SC2-H6-....R
S/H	Signal/ Auxiliary contact	SC2-S/H6R
S/H (H)	Signal/ Auxiliary contact used as auxiliary contact	SC2-S/H6R
ST	Shunt trip for S200 MCB	S2C-A
OR	Over voltage release	S2C-OVP
H-L	Auxiliary contact for S200 MCBs mounted on left sde	SC2-H...L
H-BF	Auxiliary contact for S200 MCBs Bottom fitting (i for each pole of MCB)	SC2-H01/SC2-H10
BP	Mechanical tripping device	SC2-BP
NT	Switched neutral	SC2-Nt

In case of using rotary operating mechanism S2C-DH (only right side mountable) the auxiliary devices left side and bottom fitting auxiliary contact could be used.

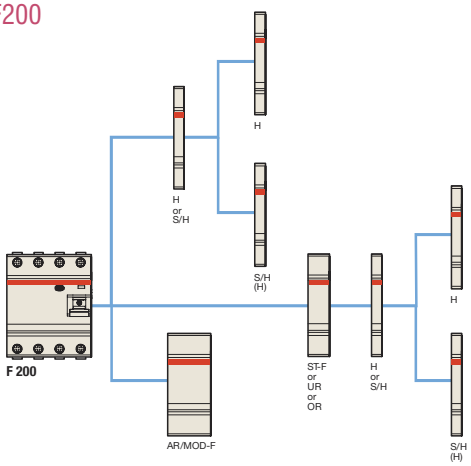
Combination of home automatic resetting unit with F200



ARH	Home automatic resetting unit	FC2-ARH

* F 202 30 mA or 100 mA (depending on ARH model), max 63 A

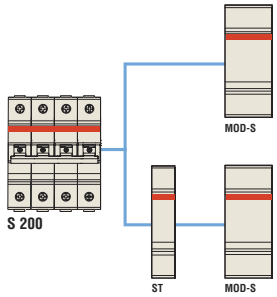
Combination of auxiliary elements with F200



H	Auxiliary contact	SC2-H6R
S/H	Signal/ Auxiliary contact	SC2-S/H6R
S/H (H)	Signal/ Auxiliary contact used as auxiliary contact	SC2-S/H6R
UR	Undervoltage release	S2C-UA
OR	Over voltage release	S2C-OVP
AR	Auto reclosing unit	FC2-ARI
MOD-F	Motor operating device	F2C-CM
ST-F	Shunt trip for F200 RCCB	F2C-A

System ProM compact
Accessories overview

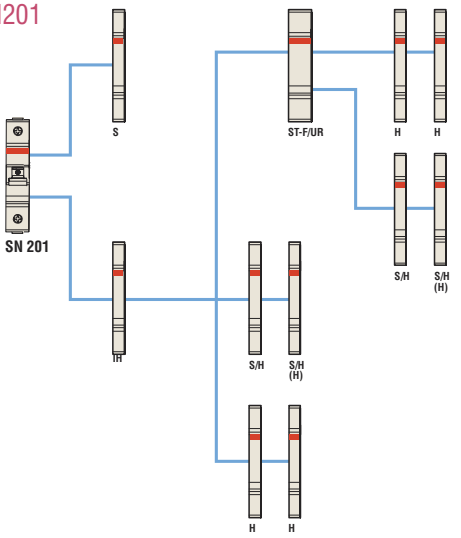
Combination of S200 with motor operating device



MOD-S*	Motor operating device	SC2-CM
ST	Shunt trip for S200 MCBs	SC2-A...

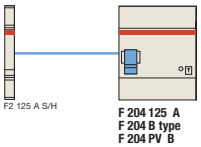
* in case of using S 200 coupled with DDA 200, MOD-S doesn't operate in case of earth-leakage fault

Combination of auxiliary elements with SN201



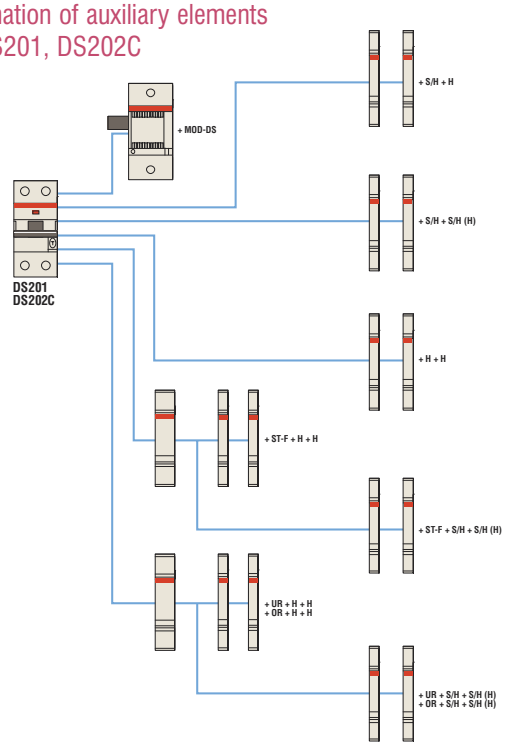
IH	Coupling interface/auxiliary contact	S201-1H
S	Signal contact	SN201-S
H	Auxiliary contact	SC2-H6R
S/H	Signal/ Auxiliary contact	SC2-S/H6R
S/H (H)	Signal/ Auxiliary contact used as auxiliary contact	SC2-S/H6R
ST-F	Shunt trip for F200 RCCB	F2C-A
UR	Undervoltage release	S2C-UA

Combination of auxiliary elements with F204 125 Type A, PV B



F2-125A-B-S/H	Signal/ Auxiliary contact

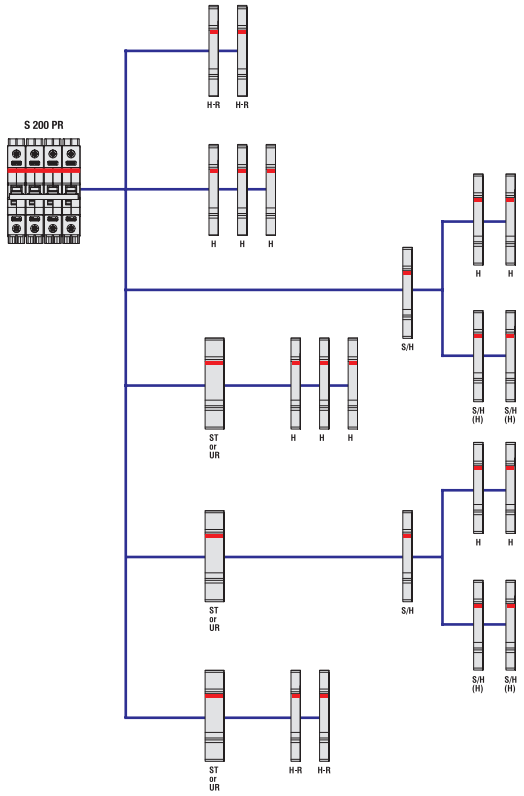
Combination of auxiliary elements with DS201, DS202C



H	Auxiliary contact	SC2-H6R
S/H	Signal/ Auxiliary contact	SC2-S/H6R
S/H (H)	Signal/ Auxiliary contact used as auxiliary contact	SC2-S/H6R
ST-F	Shunt trip for F200 RCCB	F2C-A
UR	Undervoltage release	S2C-UA
OR	Over voltage release	S2C-OVP
MOD-DS	Motor operating device	DS2C-CM

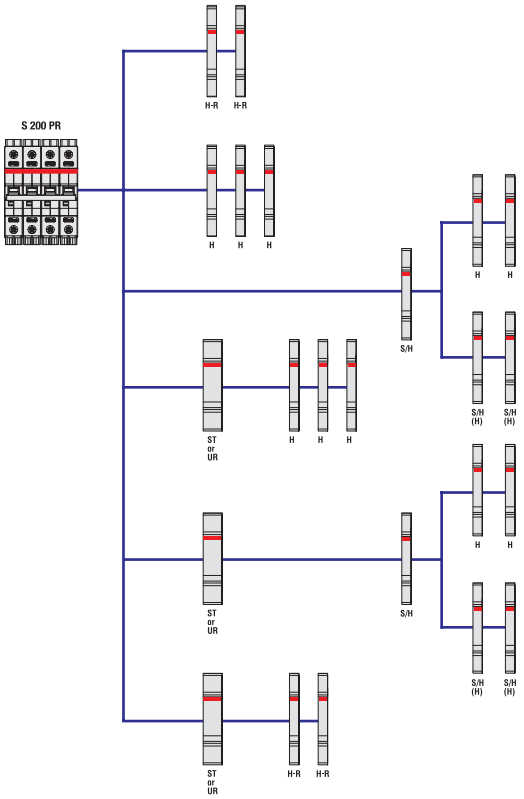
System ProM compact
Accessories overview

Combination of auxiliary elements with S 200 PR



H	Auxiliary contact	S2C-H6R
H-R	Auxiliary contact	S2C-H6-...R
S/H	Signal/Auxiliary contact	S2C-S/H6R
S/H (H)	Signal/Auxiliary contact used as auxiliary contact	S2C-S/H6R
ST	Shunt trip	S2C-A...
UR	Undervoltage release	S2C-UA

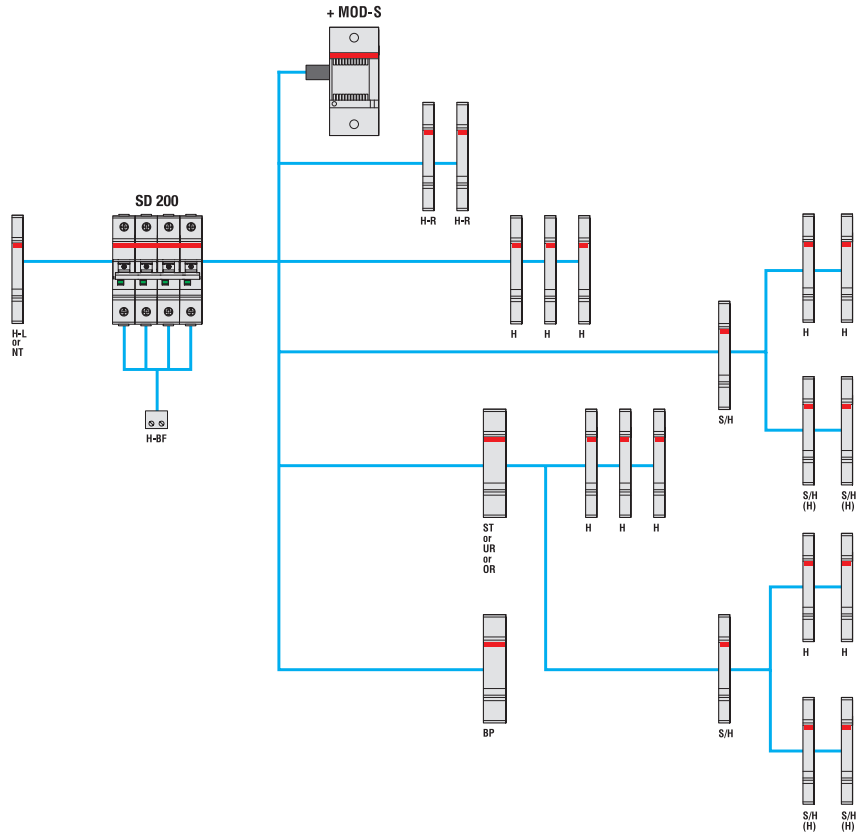
Combination of auxiliary elements with SU 200 PR



H	Auxiliary contact	S2C-H6RU
S	Signal contact	S2C-S/H6RU
ST	Shunt trip	S2C-A...U

System ProM compact
Accessories overview

Combination of auxiliary elements with SD 200



H	Auxiliary contact	S2C-H6R
H-R	Auxiliary contact	S2C-H6-...R
S/H	Signal/Auxiliary contact	S2C-S/H6R
S/H (H)	Signal/Auxiliary contact used as auxiliary contact	S2C-S/H6R
NT	Switched neutral	S2C-Nt
MOD-S	Motor operating device	S2C-CM
OR	Overvoltage release	S2C-OVP
BP	Mechanical tripping device	S2C-BP
ST	Shunt trip	S2C-A...
UR	Undervoltage release	S2C-UA

Auxiliary elements for MCBs S 200, SN 201, RCDs F 200, DS 200 and Switch Disconnectors SD 200 series


S2C-S/H6R


S2C-H6-...


SN201-S


SN201-IH

Signal/auxiliary contacts

Function S2C-S/H6R: choice through a selector between indication of the position of the device's contacts and signalling of the fault (overcurrent/ short-circuit for MCBs and RCBOs; earth fault for RCCBs and RCBOs). Suitable for MCBs S 200 series, RCCBs F 200 series, RCBOs DS201, DS202C, DS 200 and SD 200 switch disconnectors series.
Function S2C-H6R: indication of the position of the device's contacts. Suitable for MCBs S200 series. To be mounted on the left side of the MCBs thanks to the special pin. Suitable for SD 200 switch disconnectors series. They are not suitable to be mounted together with RCD-block DDA200.
Function S2C-H6-xxR: indication of the position of the MCB contact. Mounted on the right side. Suitable for SD 200 switch disconnectors series. They are not suitable to be mounted together with other right side mounted auxiliary contacts.

Description	Part Number	Product Hierarchy 2400002 Order Code
Signal contact/ auxiliary switch 1CO	S2C-S/H6R	2CDS200922R0001
Auxiliary contact 1CO	S2C-H6R	2CDS200912R0001
Auxiliary contact 1NO/1NC	S2C-H6-11R	2CDS200946R0001
Auxiliary contact 2NO	S2C-H6-20R	2CDS200946R0002
Auxiliary contact 2NC	S2C-H6-02R	2CDS200946R0003

Auxiliary contacts mounting on the left side

Auxiliary contact 1 NO/1NC	S2C-H11L	2CDS200936R0001
Auxiliary contact 2 NO	S2C-H20L	2CDS200936R0002
Auxiliary contact 2 NC	S2C-H02L	2CDS200936R0003

Bottom-fitting auxiliary contacts for S 200, S 200 M, S 200 P, S 200 S, SD 200

1 NC	S 2C-H01	2CDS 200 970 R0001
1 NO	S 2C-H10	2CDS 200 970 R0002

Auxiliary contact bridge for bottom-fitting auxiliary contacts

Wire jumper for integrated auxiliary contact (MCB S 200 H or auxiliary contacts S2C-H01/S2C-H10 for series connections (HKB) or parallel connections (HKB1)

1/2 mod.	HKB	GH V036 0504 R0100
1 mod.	HKB 1	GH V036 0504 R0101

Signal contact for SN201 MCBs

Function: indication of the device contact positions only after the automatic release of the MCBs due to overcurrent.

Signal contact 1CO	SN201-S	2CSS200924R0001

Auxiliary contact / interface module for SN201 MCBs

Function: indication of the device contact positions. The auxiliary contact can be used as an interface module between SN201 and other compact auxiliary elements.

Interface module/Aux. Contact 1CO	SN201-IH	2CSS200923R0001

Auxiliary/Signal contact for F 200 125A and F 200 B

Function: choice through a selector between indication of the position of the device's contacts and signalling of the earth fault. Suitable for RCCBs F 200 125A and F 200 B series

Auxiliary/Signal contact 1CO+1NC	F2-125A-B-S/H	2CSF200922R0001

Auxiliary elements for MCBs S 200, SN 201, RCDs F 200, DS 200 and Switch Disconnectors SD 200 series

S2C-A

F2C-A

S2C-UA

S2C-OVP

S2C-Nt

S 2C-BP

S 2C-EST

Shunt trips

Function: remote opening of the device when a voltage is applied. Suitable for MCBs S 200 series, RCBOs DS 200 series, SD 200 switch disconnectors series.

Rated voltage	Part Number	Product Hierarchy 2400002 Order Code
AC/DC 12…60 V	S2C-A1	2CDS200909R0001
AC 110…415 V/DC110…250 V	S2C-A2	2CDS200909R0002

Function: remote opening of the device when a voltage is applied. Suitable for RCCBs F 200 series and RCBOs DS201 and DS202C. It can be used with MCBs SN201 series by means of SN201-IH interface module.

AC/DC 12...60V	F2C-A1	2CSS200933R0011
AC 110...415V / DC 110...250V	F2C-A2	2CSS200933R0012

Undervoltage releases

Function: protection of the load in the event of a voltage drop (between 70% and 35% of its rated value); positive safety (device's tripping when the voltage is disconnected) emergency stop by means of a button. Suitable for MCBs S 200 series, RCCBs F200 series and RCBOs DS201, DS202C, DS 200 series, SD 200 switch disconnectors series. It can be used with MCBs SN201 series by means of SN201-IH interface module.

12VDC	S2C-UA 12 DC	2CSS200911R0001
24VAC	S2C-UA 24 AC	2CSS200911R0002
24VDC	S2C-UA 24 DC	2CSS200911R0007
48VAC	S2C-UA 48 AC	2CSS200911R0003
48VDC	S2C-UA 48 DC	2CSS200911R0008
110VAC	S2C-UA 110 AC	2CSS200911R0004
110VDC	S2C-UA 110 DC	2CSS200911R0009
230VAC	S2C-UA 230 AC	2CSS200911R0005
230VDC	S2C-UA 230 DC	2CSS200911R0010
400VAC	S2C-UA 400 AC	2CSS200911R0006

Overvoltage releases

Function: monitoring voltage between the neutral and phase; when an overvoltage reaches the threshold value, the OVP device causes the tripping of the associated MCB or RCCB. Suitable for MCBs of the S200 series up to 63 A, and RCCBs of the F200 series up to 100 A and RCBOs DS201 and DS202C series. Suitable for SD 200 switch disconnectors series.

Overvoltage release (max tripping voltage AC: 275V)	S2C-OVP1	2CSS200910R0005
Overvoltage release (max tripping voltage AC: 290V)	S2C-OVP2	2CSS200993R0005

Hand operated neutral

The hand operated neutral has to be mounted to the left side of the MCB and be snaped on the DIN rail. It is used for measuring duties where the neutral conductor must be in the open position. Due to the special design of the handle - when switching ON the MCB – the neutral will make before the MCB is closed. Suitable for SD 200 switch disconnectors series.
The S2C - Nt is not to switch with a tool (screw driver).

Max 40A	S2C-Nt	2CDS200918R0001

Mechanical tripping device

Function: it causes the automatic tripping of the circuit-breakers which it is associated to, when the panel or the door of the electrical switchboard are opened or removed. Suitable for MCBs S 200 series (on both sides of the devices) and for DS 200 (only on the right side, because on the left side there's RCD-block DDA 200). Suitable for SD 200 switch disconnectors series.

Mechanical tripping device	S2C-BP	2CSS200998R0001

Plug-in base

Function: it is possible to transform a standard circuit-breaker of the S 200 and F 200 range in a plug-in device which can be pulled out of the circuit where it is installed in one operation. Suitable for MCBs S 200 series and for RCCBs F 200 series up to 63 A and RCBOs DS201 and DS202C.

Plug-in base	S2C-EST	2CSS200999R0001

Motor operating and autoreclosing devices for MCBs, RCDs and Switch Disconnectors

S2C-CM

F2C-ARH

Motor operating devices

Function: S2C-CM, F2C-CM and DS2C-CM allow the remote control (opening or closing) of the coupled device. Suitable for S200 MCBs up to 63 A, F 200 RCCBs up to 100 A and RCBOs DS201 and DS202C.

Description	Part Number	Product Hierarchy 2400002 Order Code
Motor operating device for 1P S200 MCBs	S2C-CM1	2CSS201997R0013
Motor operating device for 2P and 3P S200 MCBs	S2C-CM2/3	2CSS203997R0013
Motor operating device for 4P S200 MCBs	S2C-CM4	2CSS204997R0013
Motor operating device for 2P and 4P F200 RCCBs	F2C-CM	2CSF200997R0013
Motor operating device for 1P+N and 2P DS201, DS202C RCBOs	DS2C-CM	2CSR201997R0013

Auto-reclosing units

Function: F2C-ARI and F2C-ARI30 allow the auto-reclosing of the coupled device in case of unwanted tripping.
Suitable for F 200 RCCBs up to 100 A.

Auto-reclosing unit for 2P and 4P F200 RCCBs	F2C-ARI	2CSF200996R0013
Auto-reclosing unit for 2P and 4P F200 RCCBs (30")	F2C-ARI30	2CSF200995R0013

Home automatic resetting unit (for domestic and similar applications)

Function: it recloses the associated residual current device, only after having checked that there are no effective faults in the system protected by the RCCB. Suitable for 2-pole RCCB series with 30 mA or 100 mA sensitivities, max 63 A

Home automatic resetting unit (30 mA)	F2C-ARH	2CSF200992R0005
Home automatic resetting unit (100 mA)	F2C-ARH100	2CSF200990R0005

Busbar systems
Selection table

Short description

ABB busbar systems enable the safe and economic cross connection of MCBs, RCCBs and RCBOs.

For a correct busbar selection the following points need to be considered:
- MCB terminal type (Twin terminal or cage terminal)
- Number of poles (1, 2, 3, 4, 1+N or 3+N)
- Device type (MCB, RCCB or RCBO)
- Combinations (e.g. RCCB + MCB or RCCB 3+N + RCCB 1+N)
- Use of side mounted auxiliary elements on MCB *)
- Busbar diameter (for current carrying capacity calculation)
- Number of modules (choice of standard busbar or busbar for cutting)

Coding of PS busbars

PS [ ] / [ ][ ] / [ ][ ] [ ][ ][ ]

1 2 3 4 5 6 7 7

Phases

	1
1 phase	1
2 phases	2
3 phases	3
4 phases	4

Number of pins

Diameter

	4	5
10 mm²	-	-
6 mm²	6	-
16 mm²	1	6
30 mm²	3	0

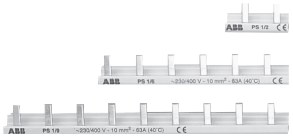
Application

		2	3	6	7	7
Cross connection of RCCB and MCB (4th pin removed for RCCB 3+N)		F	I			
Use of neutral conductor (phase sequence e.g. L1-N-L2-N-L3-N-L1...)	N					
Space for 1 side mounted auxiliary contact		H				
Space for 2 side mounted auxiliary contacts			H	2		
Pins for breaking off					A	
Cross connection of devices 3P+N + 1P+N (phase sequence L1-L2-L3-N-L1-N-L2-N-L1-N-...)		N	N			
Busbars for IT networks			I	T		
Busbars acc. to UL 489 (Branch Protection)			B	P		
Busbars acc. to UL 1077 (Supplementary Protection)			S	P		

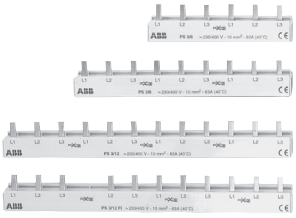
Note: Combinations of above applications are possible

*) only right side mounted auxiliary elements and bottom fixed auxiliary contacts can be considered for busbar connection

Busbars and accessories for
MCBs S 200, RCDs F 200 and DS 200 series



PS 1/2 - PS 1/12



PS 3/6 - PS 3/12

Pre-assembled busbars (not to be cut)

1-phase busbars, pin distance 17.6 mm, end caps PS-END 0

No. of pins	Phases	mm²	Part Number	Product Hierarchy 2400002 Order Code
2	1	10	PS1/2	2CDL 210 001 R1002
3	1	10	PS1/3	2CDL 210 001 R1003
4	1	10	PS1/4	2CDL 210 001 R1004
6	1	10	PS1/6	2CDL 210 001 R1006
9	1	10	PS1/9	2CDL 210 001 R1009
12	1	10	PS1/12	2CDL 210 001 R1012
12	1	10	PS1/12A [2]	2CDL 210 010 R1012

3-phase busbars, pin distance 17.6 mm

6	3	10	PS3/6	2CDL 231 001 R1006
9	3	10	PS3/9	2CDL 231 001 R1009
12	3	10	PS3/12	2CDL 231 001 R1012
12	3	10	PS3/12FI *	2CDL 231 002 R1012

* phase sequence: L1, L2, L3, free, L2, L3, L1, ...

Busbars suitable for cutting

1-phase busbars, pin distance 17.6 mm, end caps PS-END 0

60	1	10	PS1/60	2CDL 210 001 R1060
60	1	10	PS1/60A [2]	2CDL 210 010 R1060
60	1	16	PS1/60/16	2CDL 210 001 R1660
60	1	16	PS1/60/16A [2]	2CDL 210 010 R1660
5	1	30	PS1/5/30 [1]	2CDL 210 001 R3005
10	1	30	PS1/10/30 [1]	2CDL 210 001 R3010
11	1	30	PS1/11/30 [1]	2CDL 210 001 R3011
14	1	30	PS1/14/30 [1]	2CDL 210 001 R3014
15	1	30	PS1/15/30 [1]	2CDL 210 001 R3015
18	1	30	PS1/18/30 [1]	2CDL 210 001 R3018
19	1	30	PS1/19/30 [1]	2CDL 210 001 R3019
60	1	30	PS1/60/30	2CDL 210 001 R3060

1-phase busbars, connection of 1-pole devices with auxiliary, end caps PS-END 0

38	1	10	PS1/38H	2CDL 210 001 R1038
38	1	16	PS1/38/16H	2CDL 210 001 R1638

1-phase busbars, connection of neutral (blue insulation), end caps END 1.1

28	1	10	PS1/28N	2CDL 210 001 R1028
28	1	16	PS1/28/16N	2CDL 210 001 R1628
57	1	10	PS1/57NA [2]	2CDL 210 011 R1057
57	1	10	PS1/57N	2CDL 210 001 R1057
57	1	16	PS1/57/16NA [2]	2CDL 210 011 R1657
57	1	16	PS1/57/16N	2CDL 210 001 R1657

1-phase busbars, connection of auxiliaries, end caps END 1.1 except PS 1/57/6

23	1	6	PS1/23/6	2CDL 210 005 R0623
29	1	6	PS1/29/6	2CDL 210 005 R0629
38	1	6	PS1/38/6	2CDL 210 005 R0638
57	1	6	PS1/57/6	2CDL 210 005 R0657

1-phase busbars, connection of hand operated neutral S2C-Nt (blue insulation),end caps END 1.1

38	1	10	PS1/38 NT	2CDL 210 002 R1038

[1] inclusive of end caps
[2] pre-cutted pins
[3] use end cap PS-END 3
[4] use end cap PS-END 3.1
[5] removal of installed MCB not possible

Busbars and accessories for
MCBs S 200, RCDs F 200 and DS 200 series

Busbars suitable for cutting

No. of pins	Phases	mm²	Part Number	Product Hierarchy 2400002 Order Code
2-phase busbars, pin distance 17.6 mm, end caps PS-END				
12	2	10	PS2/12 [1]	2CDL 220 001 R1012
12	2	10	PS2/12A [1] [2]	2CDL 220 010 R1012
12	2	16	PS2/12/16	2CDL 220 001 R1612
58	2	10	PS2/58	2CDL 220 001 R1058
58	2	16	PS2/58/16	2CDL 220 001 R1658
58	2	16	PS2/58/16A [2]	2CDL 220 010 R1658
58	2	30	PS2/58/30 [3] [4]	2CDL 220 001 R3058
Note: PS...A is a busbar with removable pin				
2-phase busbars, connection of 2-pole devices with auxiliary, end caps PS-END				
48	2	10	PS2/48H	2CDL 220 001 R1048
48	2	16	PS2/48/16H	2CDL 220 001 R1648
48	2	16	PS2/48/16HA [2]	2CDL 220 012 R1648
3-phase busbars, connection of 1-pole devices with auxiliary, end caps PS-END				
11	3	10	PS3/11 [1]	2CDL 230 001 R1011
12	3	10	PS3/12 [1]	2CDL 230 001 R1012
12	3	10	PS3/12A [1] [2]	2CDL 230 010 R1012
12	3	16	PS3/12/16 [1]	2CDL 230 001 R1612
60	3	10	PS3/60	2CDL 230 001 R1060
60	3	10	PS3/60A [2]	2CDL 230 010 R1060
60	3	16	PS3/60/16	2CDL 230 001 R1660
60	3	16	PS3/60/16A [2]	2CDL 230 010 R1660
60	3	30	PS3/60/30 [3] [5]	2CDL 230 001 R3060
3-phase busbars, connection of 1-pole devices with auxiliary, end caps PS-END				
39	3	10	PS3/39H	2CDL 230 001 R1039
39	3	16	PS3/39/16H	2CDL 230 001 R1639
3-phase busbars, connection of 2-pole devices (Phase+N) with auxiliary, end caps PS-END				
24	3	10	PS3/24H	2CDL 230 001 R1024
3-phase busbars, connection of 2-pole devices (Phase+Phase) with auxiliary, end caps PS-END				
46	3	16	PS3/46/16H-IT	2CDL 230 001 R1646
3-phase busbars, connection of 3-pole devices with auxiliary, end caps PS-END				
48	3	10	PS3/48H	2CDL 230 001 R1048
48	3	16	PS3/48/16H	2CDL 230 001 R1648
48	3	16	PS3/48/16HA [2]	2CDL 230 012 R1648
3-phase busbars, connection of 1+N or RCBOs, end caps PS-END				
30	3	10	PS3/30	2CDL 230 001 R1030
3-phase busbars, N of the RCD omitted, end caps PS-END				
9	3	10	PS3/9FI [1]	2CDL 230 002 R1009
10	3	10	PS3/10FI [1]	2CDL 230 002 R1010
12	3	10	PS3/12FI [1]	2CDL 230 002 R1012
57	3	10	PS3/57FI	2CDL 230 002 R1057

[1] inclusive of end caps
[2] pre-cutted pins
[3] use end cap PS-END 3
[4] use end cap PS-END 3.1
[5] removal of installed MCB not possible

Busbars and accessories for
MCBs S 200, RCDs F 200 and DS 200 series

Busbars suitable for cutting

3-phase busbars, N of the RCD omitted, with auxilary at RCD end caps PS-END

No. of pins	Phases	mm²	Part Number	Product Hierarchy 2400002 Order Code
12	3	10	PS3/12FIH [1]	2CDL 230 003 R1012
4-phase busbars, pin distance 17.6 mm, end caps PS-END 1				
12	4	10	PS4/12 [1]	2CDL 240 101 R1012
12	4	10	PS4/12A [1] [2]	2CDL 240 110 R1012
12	4	16	PS4/12/16 [1]	2CDL 240 101 R1612
60	4	10	PS4/60	2CDL 240 101 R1060
60	4	16	PS4/60/16	2CDL 240 101 R1660
60	4	16	PS4/60/16A [2]	2CDL 240 110 R1660
60	4	30	PS4/60/30 [4] [5]	2CDL 240 001 R3060
Note: PS...A is a busbar with removable pin				
4-phase busbars, connection of 4-pole devices with auxiliary, end caps PS-END 1				
52	4	16	PS4/52/16H	2CDL 240 101 R1652
52	4	16	PS4/52/16HA [2]	2CDL 240 212 R1652
4-phase busbars, connection of 1+N or RCBOs, end caps PS-END 1				
12	4	10	PS4/12NA [1] [2]	2CDL 240 213 R1012
58	4	10	PS4/58N	2CDL 240 101 R1058
58	4	16	PS4/58/16N	2CDL 240 101 R1658
58	4	16	PS4/58/16NA [2]	2CDL 240 213 R1658
4-phase busbars, connection of 1+N or RCBOs with auxiliary, end caps PS-END 1				
48	4	16	PS4/48/16NHA [2]	2CDL 240 114 R1648
4-phase busbars, connection of 4-pole RCD with 1+N , end caps PS-END 1				
58	4	10	PS4/58NNA [2]	2CDL 240 110 R1058
58	4	16	PS4/58/16NNA [2]	2CDL 240 110 R1658

Busbars suitable for cutting for DDA 200 & DS 200 - bottom mounting RCD

3-phase busbars, connection of DDA 202 & DS 202, end caps PS-END 3 (phase sequence L1-L2-free-free-L3-L1....without N)				
30	3	10	PS 3/30-DDA 202	2CDL 230 202 R1030
30	3	16	PS 3/30/16-DDA 202	2CDL 230 202 R1630
3-phase busbars, connection of DDA 202 & DS 202, with auxiliary. end caps PS-END 3 (phase sequence L1-L2-aux (free)-free-free-L3-L1-aux (free)....without N)				
26	3	16	PS 3/26/16H-DDA 202	2CDL 230 202 R1626
4-phase busbars, connection of DDA 204 63A & DS 204 50A & 63A, end caps PS-END 4 (phase sequence L1-L2-L3-L4-aux free-free-free-free L1....)				
32	4	10	PS 4/32-DDA 204	2CDL 240 204 R1032
32	4	16	PS 4/32/16-DDA 204	2CDL 240 204 R1632

Busbars suitable for cutting for DDA 200 & DS 200 - top side mounting MCB

2-phase busbars, connection of DDA 202 and DS 202, end caps PSB-END 3 (phase sequence L1-L2/N-free-free-.....)				
30	2	16	PS 2/30/16N-DDA 202T	2CDL 020 202 R1630
3-phase busbars, connection of DDA 202 and DS 202, end caps PSB-END 3 (phase sequence L1-L2-free-free-L3-L1.....without N)				
30	3	16	PS 3/30/16-DDA 202T	2CDL 033 202 R1630
3-phase busbars, connection of DDA 202 and DS 202 with auxiliary, end caps PSB-END 3 (phase sequence L1-L2-aux.(free)-free-free-L3-L1-aux.(free).....without N)				
28	3	16	PS 3/28/16H-DDA 202T	2CDL 034 202 R1628
4-phase busbars, connection of DDA 202 and DS 202, end caps PSB-END 4 (phase sequence L1-N-free-free-L2-N...)				
30	4	16	PS 4/30/16N-DDA 202T	2CDL 040 202 R1630

[1] inclusive of end caps
[2] pre-cutted pins
[3] use end cap PS-END 3
[4] use end cap PS-END 3.1
[5] removal of installed MCB not possible

Accessories
for S 200, SN 201, F 200, DS 200 and other series

End Caps

	Part Number	Product Hierarchy 2400002 Order Code
	END 1.1	2CDL 200 011 R0011
	PS-END 0	2CDL 200 011 R0004
	PS-END	2CDL 200 011 R1001
	PS-END 1	2CDL 200 011 R0002
	PS-END SP	2CDL 200 110 R0001
	PS-END 1 SP	2CDL 200 110 R0002
	PS-END 3	2CDL 200 001 R3001
	PS-END 3.1	2CDL 200 001 R3002
	PSB-END 3	GHV0 361 325 R0001
	PSB-END 3	GHV0 361 325 R0002

Shock-protection caps for PS...

SZ-BSK

5 parts	SZ-BSK	2CDL 200 001 R0011
5 parts	BSK*	2CDL 200 001 R0012

* closed version

BSK

Labelling system

Package comes with 40 labels, marked or blank. Blank labels can be labeled by hand with an indelible, waterproof pen or using a computerised labelling system (plotter).

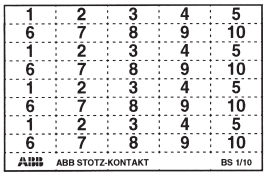
identification labels blank	BS	GH S200 1946 R0001
identification labels with pictograms	BS Pikto	GH S200 1946 R0002
identification labels marked 4 x 1 – 10	BS 1/10	GH S200 1946 R0003
identification labels marked 2 x 1 – 20	BS 1/20	GH S200 1946 R0004
identification labels marked 1 – 40	BS 1/40	GH S200 1946 R0005
identification labels marked 41 – 80	BS 41 – 80	GH S200 1946 R0006
identification labels marked 81 – 120	BS 81 – 120	GH S200 1946 R0007
identification labels marked 121 – 160	BS 121/160	GH S200 1946 R0008

identification label

Identification system ILS

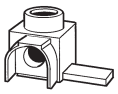
The ILS individual identification sytem for labels is a DIN A5 polyester film for ink jet and laser printers with high temperature resistance. (If laser printers are used, please check whether self-adhesive film with thickness of 250 μm can be fed.) Adhesive coating 3MTM9471 LE has obtained UL approval (file No. MH 11410). There are two types of sheet: uncut for making individual labels or precut with 23 stripes (6 x 191 mm each) for labelling 11 devices (1-module width) per stripe. Word template can be downloaded from www.abb.de/stotz-kontakt. Can also be used as write-on labels (ink, ballpoint pen, pencil, marker).

1 sheet DIN A5 uncut for laser printer	ILS-L	2CDL 200 002 R0003
1 sheet DIN A5 precut in 23 stripes (6 x 191 mm) for laser printer	ILS-LS	2CDL 200 002 R0004
1 sheet DIN A5 uncut for inkjet printer	ILS-I	2CDL 200 002 R0005
1 sheet DIN A5 precut in 23 stripes (6 x 191 mm) for inkjet printer	IILS-IS	2CDL 200 002 R0006

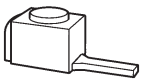


BS 1/10

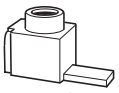
Accessories
for S 200, SN 201, F 200, DS 200 and other series



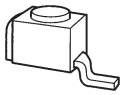
Ast 25/15 QS
Ast 25/15 Q
Ast 25/30 QS
Ast 25/30 Q
Ast 50/15 QS
Ast 50/15 Q
Ast 50/18 Q
Ast 50/32 Q



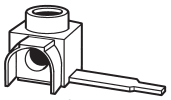
SZ-Ast 95



Ast 25/15 S
Ast 50/15 S
Ast 50/15
Ast 50/18

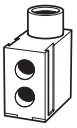


SZ-Ast 95 gk

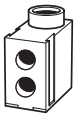


Ast 50/32 Q

SZ-ESK 2



SZ-ESK 3



SZ-ESK 3 S

Terminals, insulated with pin contact

Terminal capacity mm²	Terminal lug L x W mm	Type connection	Part Number	Product Hierarchy 2400002 Order Code
6-25	15/4	90°	Ast 25/15 QS	2CDL200010R2515
6-25	15/4	straight	Ast 25/15 S	2CDL200011R2515
6-25	15/6	90°	Ast 25/15 Q	2CDL200000R2515
6-25	22/4	90°	Ast 25/22 QS	2CDL200010R2522
6-25	30/4	90°	Ast 25/30 QS	2CDL200010R2530
6-25	30/6	90°	Ast 25/30 Q	2CDL200000R2530
6-50	15/4	90°	Ast 50/15 QS	2CDL200000R5015
6-50	15/4	straight	Ast 50/15 S	2CDL200011R5015
6-50	15/7	90°	Ast 50/15 Q	2CDL200010R5015
6-50	15/7	straight	Ast 50/15	2CDL200001R5015
5-50	17.5/7	90°	Ast 50/18 Q	2CDL200100R5018
6-50	17.5/7	straight	Ast 50/18	2CDL200101R5018
6-50	32/6	90°	Ast 50/32 Q	2CDL200000R5032
25-95	21/6.5	straight	SZ-Ast 95 gk*	GHV0360501R0012
25-95	21/6.5	straight	SZ-Ast 95*	GHV0360501R0013

Abbreviations: Q terminal 90° * not for pro M compact S narrow connection pin

Feeder terminals

Single-pole terminals can be mounted side by side with multipole terminals.

Input mm²	Part Number	Product Hierarchy 2400002 Order Code
6-35	SZ-ESK 2	2CDL200001R3501
6-50	SZ-ESK 3	2CDL200003R5001
6-50	SZ-ESK 3 S	2CDL200003R5003

SZ-VP 1500

END

SZ-FDT 2

Accessories

For device covers with materials of a thickness of 1 to 3 mm, width: 1 module = 17.5 mm; color: grey RAL 7035, white RAL 9001

End bracket		
Prevents lateral shifting of built-in devices mounted on DIN rails according to DIN EN 60 715, 35 x 7.5 mm.	END	GJ I100 1814 R0001
Filling piece		
For heat dissipation of closely mounted devices that generate much heat. Width 8.75 mm, as spacer, two different heights, breakable, for DIN rails according to DIN EN 60 715, 35 x 7.5 mm.	SZ-FST 2	GH L530 1908 R0002
Spring piece		
Holder for device covers, various heights available (in connection with FST 2 filling piece)	SZ-FDT 2	GH L530 1908 R0005

SZ-FST

Filling piece

Two different heights, breakable, for DIN rails according to DIN EN 60 715, 35 x 7.5 mm for MCBs S 220 (3 different heights)

Description	Part Number	Product Hierarchy 2400002 Order Code
Width 8.75mm	SZ-FST	GJ I148 0003 R0001
False poles		
False pole - 1 module	FP1	16021765
False pole - 2 modules	FP2	16021773
False pole - 4 modules	FP4	16021781
False pole - 6 modules	FP6	16021799
Support for false pole	SFP	16021831

System ProM compact
Accessories S800


S800-AUX


S800-AUX-ALT


S800-NT


S800-SOR


S800-UVR

Accessories

Description	Part No	Product Hierarchy 2400002 Order Code
Signal contacts		
Aux contact	S800-AUX	2CCS800900R0011
Aux/signal contact	S800-AUX/ALT	2CCS800900R0021
Switched neutral		
Switched neutral 63A	S800-NT	2CCS800900R0061
Shunt trips		
24v AC/DC	S800-SOR24	2CCS800900R0191
48...130v AC/DC	S800-SOR130	2CCS800900R0221
110...250v AC/DC	S800-SOR250	2CCS800900R0211
220...400v AC/DC	S800-SOR400	2CCS800900R0231
Under voltage release		
24...36v AC/DC	S800-UVR36	2CCS800900R0241
48...60v AC/DC	S800-UVR60	2CCS800900R0251
110...130v AC/DC	S800-UVR130	2CCS800900R0261
220...250v AC/DC	S800-UVR250	2CCS800900R0271


S800-RD


S800-RHE-H


S800-RHE-M


S800-RHE-S

Handles		
Rotary drive	S800-RD	2CCS800900R0041
Black rotary handle	S800-RHE-H	1SDA060150R1
Red/emergency rotary handle	S800-RHE-EM	1SDA060151R1
Axial extension 500mm for RHE	S800-RHE-S	1SDA060179R1

General accessories		
Intermediate piece 9mm	S800-IP9	2CCS800900R0031
Padlock device with 4mm hasp	S800-PLL	2CCS800900R0051
UL locking device	S800U-PLL	2CCS800017R0001
Busbar 250A	S803-BB250	2CCS800900R0071
Busbar powr connection 120mm^2	S803-BBPC120	2CCS800900R0101
Busbar isolation cao	S800-BBIC	2CCS800900R0081
End cap	S800-END	2CCS800900R0091

System ProM compact
Modular devices

Timers

	Part Number	Product Hierarchy 2700001 Order Code
Analogue AT1 7 day timer	AT1	2CSM204205R0601
Analogue AT1-R 7 day timer with battery reserve	AT1-R	2CSM204215R0601

Contactors

ESB 20-20 230V Contactor 20A AC1 2NO	ESB20-20	GHE3211102R0006
ESB 24-20 230V Contactor 24A AC1 2NO	ESB24-20	GHE3291402R0006
ESB 40-40 230V Contactor 40A AC1 4NO	ESB40-40	GHE3491102R0006
ESB 63-40 230V Contactor 63A AC1 4NO	ESB63-40	GHE3691102R0006

Fuse Holders

E91/32 Fuse disconnector SP 32A 10.3 x 38mm	E91/32	2CSM200923R1801
E933/125 Fuse disconnector TP 125A 22 x 58mm	E933/125	2CSM373710R1801

Twilight Switch

T1 twighlight switch brightness range 2:200 lux	T1	2CSM295563R1341

Modular Sockets

DIN rail mounting BS socket	M1363	2CSM259343R0721
DIN rail mounting BS socket + light	M1363-L	2CSM258163R0721

System ProM compact
Residual current relays

RD2

RD3

RD2

Operating voltage V	Part No	Product Hierarchy 2700001 Order Code
230…400 AC	RD2	2CSM142120R1201
48…150 AC/DC	RD2-48	2CSM242120R1201

RD3

12-48 AC/DC	RD3-48	2CSJ201001R0001
230-400 AC	RD3	2CSJ201001R0002
12-48 AC/DC	RD3M-48	2CSJ202001R0001
230-400 AC	RD3M	2CSJ202001R0002
12-48 AC/DC	RD3P-48	2CSJ203001R0001
230-400 AC	RD3P	2CSJ203001R0002

Toroidal Transformers

TRM 29mm aperture modular toroid	TRM	2CSM029000R1211
TR1 35mm aperture toroid	TR1	2CSG035100R1211
TR2 60mm aperture toroid	TR2	2CSG060100R1211
TR3 80mm aperture toroid	TR3	2CSG080100R1211
TR4 110mm aperture toroid	TR4	2CSG110100R1211
TR5	TR5	2CSG210100R1211
TR5A	TR5A	2CSG210200R1211

Requires torodial transformer

CT Current transformers & energy meters
Optimize consumptions, improve efficiency

Energy efficiency, minimized costs and high system availability represent now three central aspects of plant management. To achieve them it is necessary to know when, where and how the energy is consumed. This is why measuring and monitoring the principal electrical parameters of the network is becoming increasingly more and more important.

To measure is to know

In an energy market dominated by the need to improve the performance and reduce the consumption of an electrical system, it becomes vitally important to obtain a detailed profile of how this system operates. This helps in identify areas where consumption can be optimized, efficiency increased and harmful emissions reduced.

Measuring and monitoring the principal network parameters can substantially contribute in that, by highlighting the level of energy consumption and the quality of the power used, by monitoring and preventing faults and planning maintenance activities. All this leads to an improved safety level, not only for the installations, but also for the components and systems connected.

ABB Measurement devices range of System pro M compact® includes a comprehensive and specialist offers of DIN rail and front panel devices designed for every type of civil, commercial and industrial applications.

The ideal solution for indirect measurements

ABB complete and comprehensive range of CT current transformers is the perfect solution for indirect measurement of the electrical parameters that characterize a system, when the network current is above the rated current measurement range of the instrument.

Introduction of the CT PRO XT and CT MAX series renews the range of current transformers for secondary and primary sub distribution switchboards and for Power Centers, by adding advanced products that have been specially designed for easy installation and maximum performance. Moreover, high level of safety is guaranteed thanks to the innovative electronic circuit, built-in into the CT… SELV versions.

MID Approved electricity meters
EQ range B & C Series

EQ meters from ABB for sub-metering provide detailed information about energy consumption. Get specific information on tenants energy consumption or see where in a factory energy is wasted. The EQ meters are high-performing, modular DIN rail-mounted electricity meters that are safe and easy to use. Designed for simple integration with any existing or future electrical installation, the EQ meters from ABB can be installed and functioning in no time. Not only do they provide detailed information about energy consumption, but also act as a tool for building an improved and efficient infrastructure that ultimately leads to a greener world.

MID Approved

EQ meters from ABB are type approved to IEC and MID. MID-approved meters are certified and have verified meter accuracy, which is a critical factor in the legal cost allocation and distribution among tenants.

B Series

The B series EQ meters are meters for single phase and three phase metering. The B series meters are mounted on a DIN rail and are suitable for installation in distribution boards and small enclosures such as consumer units. The B series are suitable in applications where there is a need for reliable energy measurements and where space is limited.

Voltage v	Accuracy Class	Communication	Part No	Product Hierarchy 2500003 Order Code
65 A direct connected, 4 DIN - Steel Active energy, pulse output				
3 x 220/380 240/400 V AC	Class B (Cl. 1)	-	B23 111 - 100	2CMA100163R1000
		RS-485	B23 112 - 100	2CMA100164R1000
		M-Bus	B23 113 - 100	2CMA100165R1000
6 A transformer connected, 4 DIN - Steel Active energy, pulse output				
3 x 220/380 240/400 V AC	Class B (Cl. 1)	-	B24 111 - 100	2CMA100177R1000
		RS-485	B24 112 - 100	2CMA100178R1000
		M-Bus	B24 113 - 100	2CMA100179R1000
6 A transformer connected, 4 DIN - Steel Active energy, pulse output				
220/240V AC	Class B (Cl. 1)	-	B21 111 - 100	2CMA100149R1000
		RS-485	B21 112 - 100	2CMA100150R1000
		M-Bus	B21 113 - 100	2CMA100151R1000

C Series

The EQ meters, C series are truly compact meters for single phase and three phase metering. The C series is mounted on a DIN rail and is suitable for installation in distribution boards and small consumer units.

Voltage v	Accuracy Class	Communication	Part No	Product Hierarchy 2500003 Order Code
40 A direct connected, 3 DIN - Steel Active energy, pulse output				
3 x 240/400 V AC	Class B (Cl. 1)	-	C13 110 - 100	2CMA100191R1000
	Class 1	-	C13 110 - 300*	2CMA100192R1000
40 A direct connected, 1 DIN, IEC approval Active energy, pulse output				
3 x 220/380 240/400 V AC	Class B (Cl. 1)	-	C11 110 - 100	2CMA100014R1000
	Class 1	-	C11 110 - 300*	2CMA170550R1000

* IEC approval
- Active power - Total and per phase
- Voltage - Total and per phase
- Current - Total and per phase
- Power factor
- Frequency

CT Current transformers
Optimize consumptions, improve efficiency

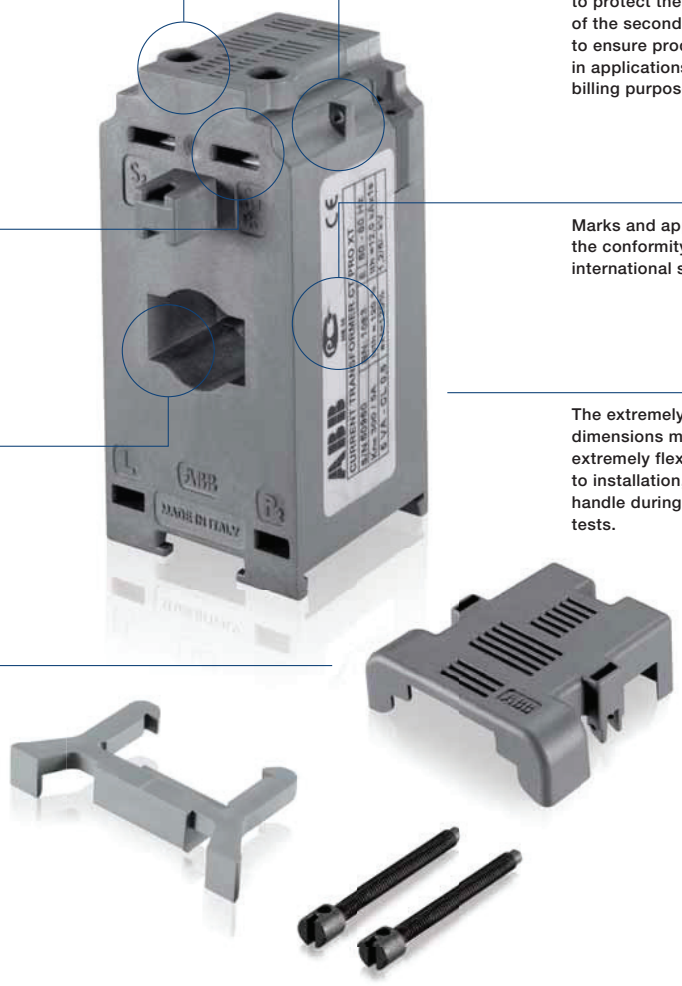
The new CT PRO XT and CT MAX range of current transformers has been specially designed for easy and safe switchboard installation, testing and maintenance operations thanks to the compact size of the products and their flexible assembly system. Moreover, the integrated electronic protection circuit in the CT PRO XT SELV and CT MAX SELV versions guarantees protection against risks deriving from no-load operation of the secondary.

Double method for connecting the secondary winding, thanks to introduction of screwless terminals, an application standard more and more widespread, that facilitates and speeds up the installation and maintenance operations.

Screw terminals for secondary winding usable with forked cable terminals and stripped cables. The assembly instructions are directly indicated on the product.

Through primary dimensions designed to optimize the product installation (considering rated current values and primary conductor dimensions) and to suit any standard applications requirements.

The accessories provided along with the product include a sealable cover for billing applications, and assembly supports allowing the product to be installed in all the more common mounting systems (primary cable, primary busbar, DIN rail and wall-mounting installations).



Sealing points for the cover to protect the terminal board of the secondary circuit and to ensure product compliance in applications for fiscal and billing purposes.

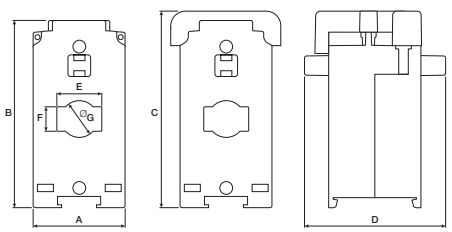
Marks and approvals attesting the conformity to the principal international standards.

The extremely compact dimensions make the product extremely flexible when it comes to installation, and easy to handle during maintenance and tests.

Accessories supplied:
- Sealed terminals cover
- Mounting accessory
- M5 self-threading screw

Overall dimensions

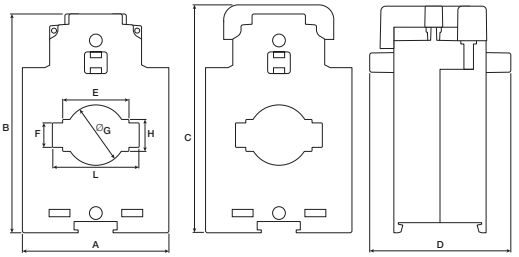
	A	B	C	D	E	F	G
CT PRO XT …/5A	45	92	96	69	22	12	18



Accessories supplied:
- Sealed terminals cover
- Mounting accessory
- M5 self-threading screw
- Accessories and screws for wall mounting

Overall dimensions

	A	B	C	D	E	F	G	H	L
CT MAX …/5A	70	107	111	69	32	12	30	15	42



CT Current transformers
CT PRO XT, CT PRO XT SELV & CT MAX, CT MAX SELV

The CT PRO XT current transformers range is designed for distribution systems using cables up to 18 mm in diameter, and primary busbars with dimensions up to 20 x 10 mm. Order codes are available with primary rated current up to 400 A. CT PRO XT transformers are the ideal solution for distribution and sub-distribution switchboards downstream ABB modular circuit-breakers (SN201, S 200, S 280, S 800, DS 201, DS 202C, DS 941) or downstream of Tmax circuit-breakers (XT1, XT2, XT3, XT4 and T4320).

CT PRO XT …/5 A series, through primary

Primary rated current Iprim A	Accuracy Class	Rated power VA	Part No	Product Hierarchy 2500003 Order Code
40	3	2	CT PRO XT 40	2CSG225745R1101
50	3	2	CT PRO XT 50	2CSG225755R1101
60	3	2	CT PRO XT 60	2CSG225765R1101
80	3	2	CT PRO XT 80	2CSG225775R1101
100	1	3	CT PRO XT 100	2CSG225785R1101
150	1	5	CT PRO XT 150	2CSG225795R1101
200	1	5	CT PRO XT 200	2CSG225805R1101
250	0.5	5	CT PRO XT 250	2CSG225815R1101
300	0.5	5	CT PRO XT 300	2CSG225825R1101
400	0.5	5	CT PRO XT 400	2CSG225835R1101

CT PRO XT SELV …/5 series, through primary

40	3	2	CT PRO XT 40 SELV	2CSG225845R1101
50	3	2	CT PRO XT 50 SELV	2CSG225855R1101
60	3	2	CT PRO XT 60 SELV	2CSG225865R1101
80	3	2	CT PRO XT 80 SELV	2CSG225875R1101
100	1	3	CT PRO XT 100 SELV	2CSG225885R1101
150	1	5	CT PRO XT 150 SELV	2CSG225895R1101
200	1	5	CT PRO XT 200 SELV	2CSG225905R1101
250	0.5	5	CT PRO XT 250 SELV	2CSG225915R1101
300	0.5	5	CT PRO XT 300 SELV	2CSG225925R1101
400	0.5	5	CT PRO XT 400 SELV	2CSG225935R1101

Accessories supplied:
– Sealed terminals cover
– Mounting accessory
– M5 self-threading screw

The CT MAX current transformer range founds its main application in distribution systems with 30x10 mm and 40x10 mm horizontal primary busbars and primary rated current from 300 up to 1000 A. A primary cable up to 30 mm in diameter can also be used. CT MAX transformers are the ideal solution for applications downstream ABB Tmax T5 and T6 circuit-breakers

CT MAX …/5 A series, through primary

Primary rated current Iprim A	Accuracy Class	Rated power VA	Part No	Product Hierarchy 2500003 Order Code
300	0.5	4	CT MAX 300	2CSG225945R1101
400	0.5	5	CT MAX 400	2CSG225955R1101
500	0.5	6	CT MAX 500	2CSG225965R1101
600	0.5	10	CT MAX 600	2CSG225975R1101
800	0.5	10	CT MAX 800	2CSG225985R1101
1000	0.5	10	CT MAX 1000	2CSG225995R1101

CT MAX SELV …/5 series, through primary

300	0.5	4	CT MAX 300 SELV	2CSG226005R1101
400	0.5	5	CT MAX 400 SELV	2CSG226015R1101
500	0.5	6	CT MAX 500 SELV	2CSG226025R1101
600	0.5	10	CT MAX 600 SELV	2CSG226035R1101
800	0.5	10	CT MAX 800 SELV	2CSG226045R1101
1000	0.5	10	CT MAX 1000 SELV	2CSG226055R1101

Accessories supplied:
– Sealed terminals cover
– Mounting accessory
– M5 self-threading screw
– Accessories and screws for wall mounting

Surge protection systems
Surge protective devices to BS7671

The latest amendment to the IET Wiring Regulations 17th Edition (BS 7671) brings into sharp focus the need to protect sensitive and critical electronic systems against transient overvoltages (surges).

Amendment 1 of BS 7671, effective from 1st January 2012, requires all electrical system designs and installations to be assessed against risk of transient overvoltages of atmospheric origin, or from switching events, in line with its Sections 443 & 534. Section 443 defines the criteria for risk assessment, whereas Section 534 describes the selection and installation of suitable Surge Protective Devices (SPDs), where required, for effective transient overvoltage protection.
Transient overvoltages are short duration surges in voltage between two or more conductors (L-PE, L-N or N-PE), which can reach up to 6 kV on 230 Vac power lines, and generally result from:
Transient overvoltages significantly damage and degrade electronic systems.
Outright damage to sensitive electronic systems, such as computers etc, occurs when transient overvoltages between L-PE or N-PE exceed the withstand voltage of the electrical equipment (i.e. above 1.5 kV for Category I equipment to BS 7671 Tables 44.3 & 44.4).

Figure 2: Resistive coupling

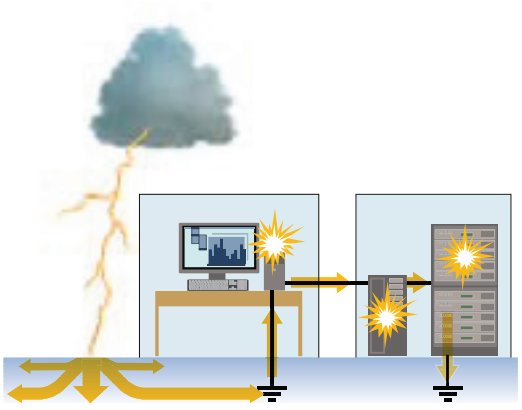
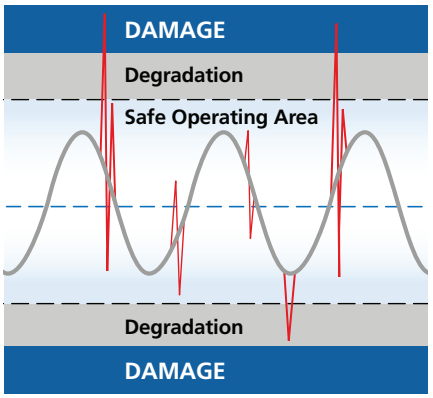
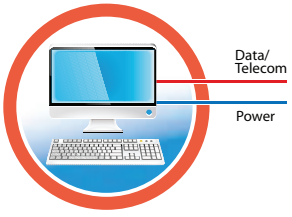


Figure 3: Equipment risk



Protect additional metallic services

For protection measures against direct lightning strikes, and against transient overvoltages on additional metallic service lines (e.g. data, signal & telecoms), BS 7671 refers to BS EN 62305 (534.1 NOTE 2).
Full protection of electronic systems can only be achieved if all incoming/outgoing metallic services, including data, signal and telecoms lines are protected

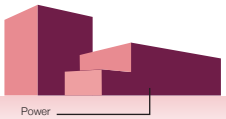
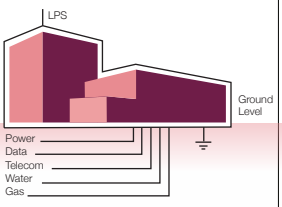
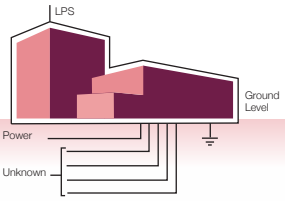


IMPORTANT:
Equipment is ONLY protected against transient overvoltages if all incoming / outgoing mains and data lines have protection fitted.

Surge protection systems
Enhanced Solutions to BS EN 62305 / BS 7671

Furse Surge Protective Devices are widely specified and offer industry-leading voltage protection levels to ensure the continuous operation of critical electronic systems, such as those found in data centres, hospitals and automated process control. Used with Furse data / telecom SPDs, they form part of a complete lightning protection solution.

Protection for 230/400 V TN-S or TN-C-S supplies

	- No external lightning protection system fitted - Underground mains supply feed	- No external lightning protection system fitted - Exposed overhead mains supply feed	- No external lightning protection system fitted - Multiple connected metallic services	- External lightning protection system fitted - No. of services unknown
				
3 Phase 400 V Service entrance, after electricity meter (Main distribution board (MDB)	 ESP 415 D1 Series OR ESP 415 M1 Series	 ESP 415/III/TNS OR ESP 415 M2 Series (for electronics located near MDB before SDB)	 ESP 415 D1 Series OR ESP 415 M1 Series	 For LPL I & II ESP 415/I/TNS or ESP 415 M4 (for electronics located near MDB before SDB) OR For LPL III & IV ESP 415/III/TNS or ESP 415 M2 (for electronics located near MDB before SDB)
3 Phase 400 V **1 Phase 230 V** Sub-distribution board (SDB) located > 10 m from MDB feeding electronic equipment	 OR  For 3 Phase 400 V: ESP 415 D1 Series, or ESP 415 M1 Series		 OR  For 1 Phase 230 V: ESP 240 D1 Series, or ESP 240 M1 Series	
Critical terminal equipment located > 10 m from SDB	 ESP MC ESP MC/TN/RJ11 (e.g. for fax machines) ESP MC/Cat-5e (e.g. for servers)			

Protection for data signal and telecoms applications

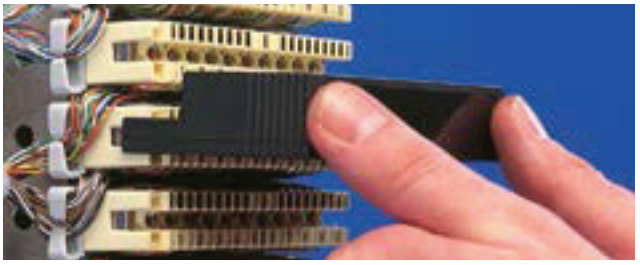
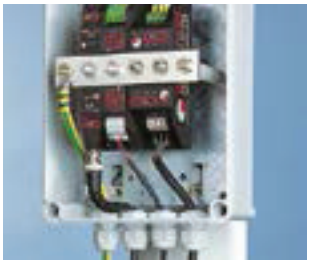




ABB LV panel SPDs
Commercial, industrial & domestic installations

ABB's wide range of mains SPDs compliment the power DIN-rail product range, providing protection to the electrical installation at any point in the mains distribution system.

Main section board

Type 1+2 ABB surge protective devices have a high impulse current (10/350 waveform) withstand capacity whilst ensuring a low (better) voltage protection level (U_p).
- Multi-mode protection
- End of life SPD visual indicator
- DIN rail mounting for quick installation
- Compact design

COMPACT SPACE SAVING DESIGN | Iimp 15 kA | LED STATUS INDICATION | IEC 61643-11 EN 61643-11

	Product Hierarchy 600002 Order Code
Surge protective device – TNS/TT 230/400V	OVR T1+2 3N 15-255-7

Sub distribution board

Type 2 surge protective devices are designed to protect electrical installations and sensitive equipment against indirect surge currents
- Multi-mode protection
- End of life SPD visual indicator
- Plug-in cartridge
- DIN rail mounting for quick installation
- Auxiliary contact TS for remote status indication

ALARM RES ON | Imax 40 kA | Plug-in Module | IEC 61643-11 EN 61643-11 | TS AUXILIARY CONTACT

Surge protective device - TNS/TT 230/400V 3Ph+N networks	OVR T2 3N 40 275s P TS

Sub distribution board

Self-protected with integral backup miniature circuit breaker offering dedicated over current protection device (OCPD) fully coordinated with the surge protective device.
- Multi-mode protection
- DIN rail mounting for quick installation
- High reliability
- Innovative, weld-free safe thermal disconnection sensor
- Fully compatible with the complete ABB pro M modular range

COMPACT SPACE SAVING DESIGN | Imax 40 kA | OCPD INTEGRATED | IEC 61643-11 EN 61643-11

Self-protected surge protective device - TNS/TT 230V/400V 3Ph+N networks	OVR Plus N3 40

Consumer units – Domestic/Residential

Self-protected with integral backup miniature circuit breaker offering dedicated over current protection device (OCPD) fully coordinated with the surge protective device.
- Multi-mode protection
- DIN rail mounting for quick installation
- Fully coordinated unit for optimised installation and simplified wiring
- High reliability
- Innovative, weld-free safe thermal disconnection sensor
- Compact design

COMPACT SPACE SAVING DESIGN | Imax 20 kA | OCPD INTEGRATED | IEC 61643-11 EN 61643-11

Self-protected surge protective device - TNS/TT 230 V 1Ph+N networks	OVR Plus N1 20

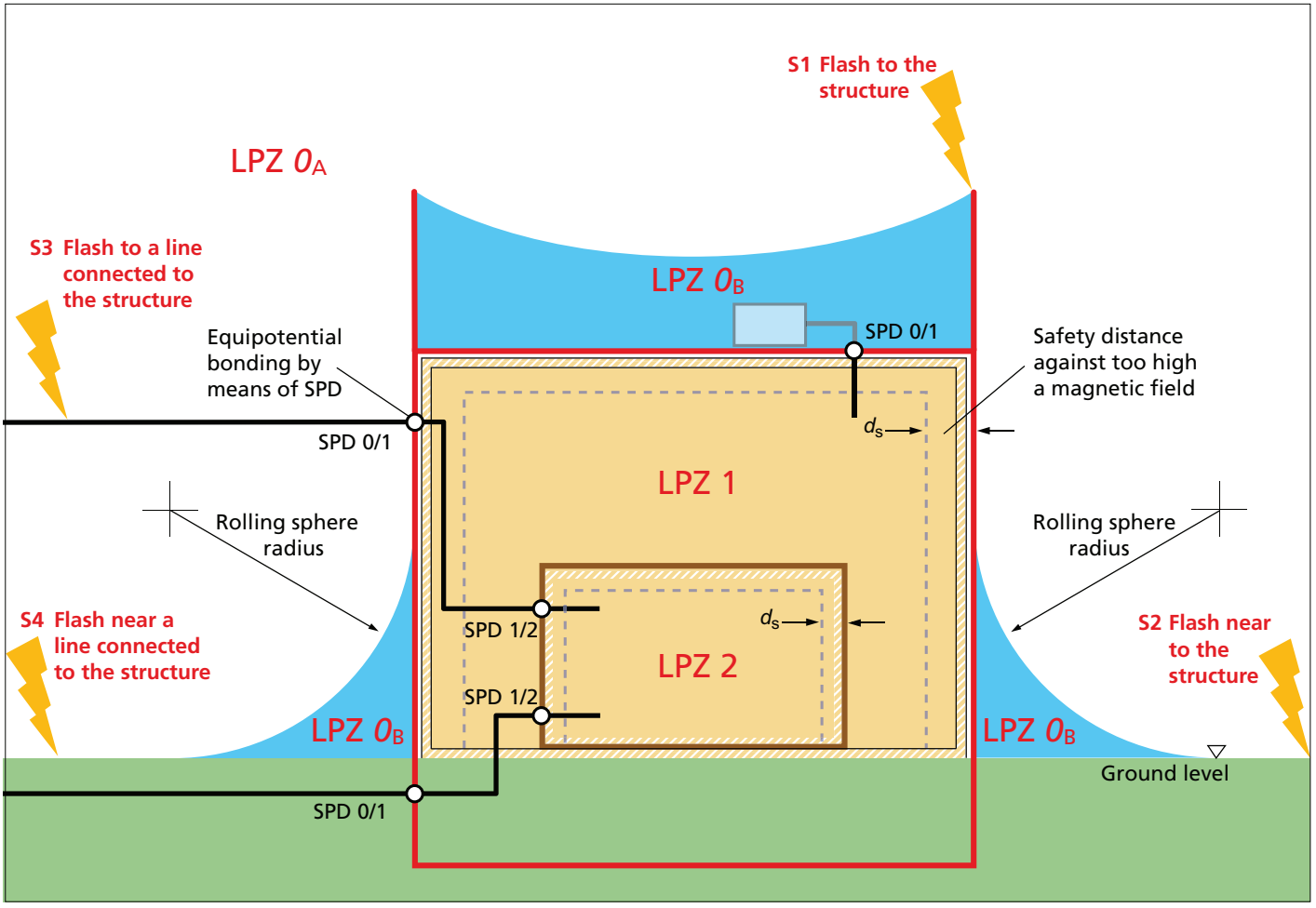
Enhanced Total Solution
Lightning protection zone (LPZ) Concept

The Lightning Protection Zone (LPZ) concept was introduced in BS EN 62305, particularly to assist in determining the Surge Protection Measures (SPM) required within a structure.

The general principle is that the equipment requiring protection should be located in an LPZ whose electromagnetic characteristics are compatible with the equipment stress withstand or immunity capability.

In general, the higher the number of the zone (LPZ 2; LPZ 3 etc) the lower the electromagnetic effects expected. Typically, any sensitive electronic equipment should be located in higher numbered LPZs and be protected by its relevant SPM.

Figure 5: LPZ defined by protection measures



Fusing and Installation of SPDs
Transient overvoltage protection to BS 7671

Critical length of connecting conductors

An installed SPD will always present a higher voltage to equipment compared with the voltage protection level stated on a manufacturer's data sheet, due to additive inductive voltage drops across the conductors on the SPD's connecting leads.

Therefore, for maximum transient overvoltage protection the connecting conductors must be kept as short as possible.

BS 7671 Clause 534.2.9 defines that for SPDs installed in parallel (shunt), the total lead length between line conductors, protective conductor and SPD preferably should not exceed 0.5m and never exceed 1m. Current loops should be avoided.

For SPDs installed in-line (series), the lead length between the protective conductor and SPD preferably should not exceed 0.5 m and never exceed 1m.

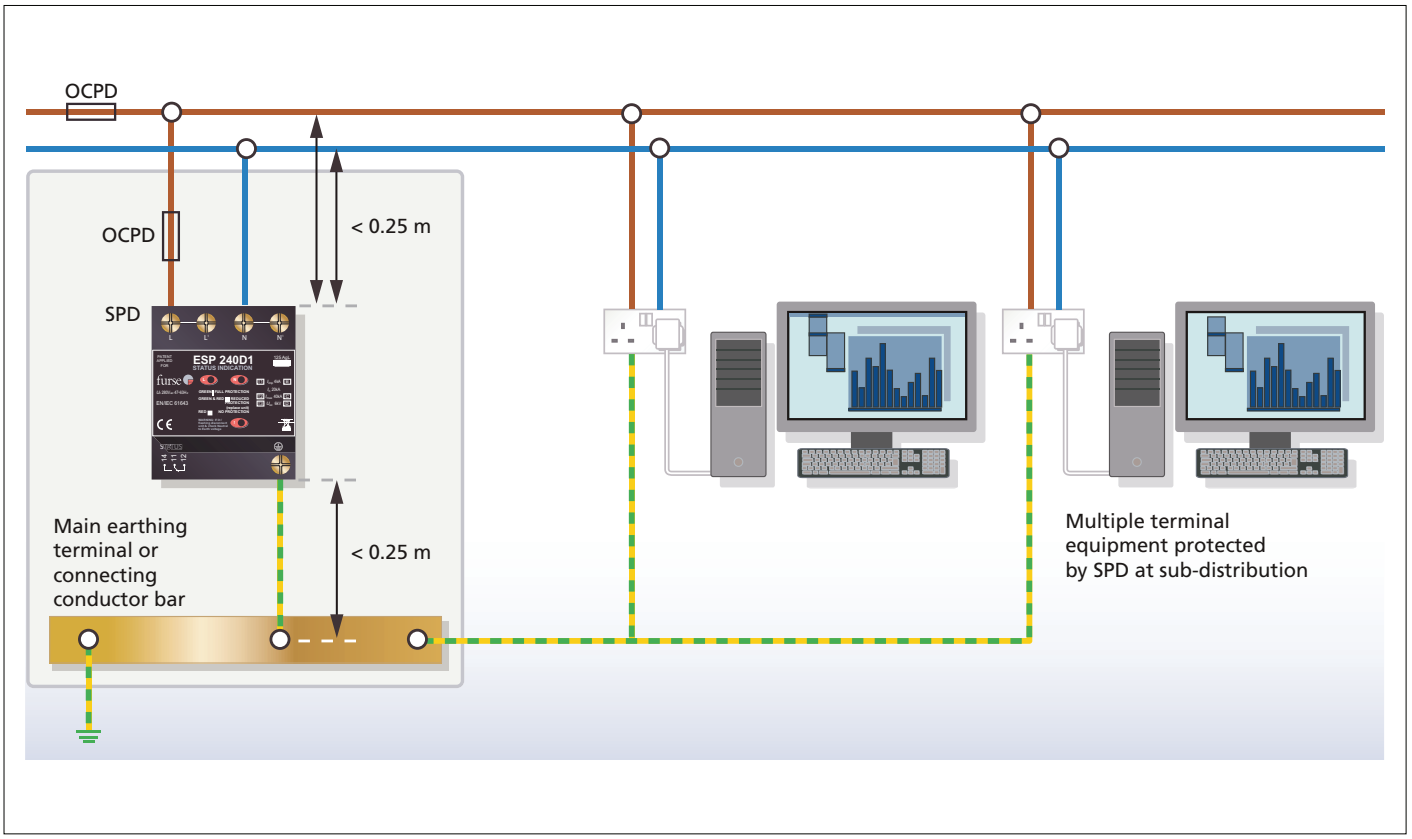
Best practice

Poor installation can significantly reduce effectiveness of SPDs. Therefore, keeping connecting leads as short as possible is vital to maximize performance, and minimize additive inductive voltages.

Best practice cabling techniques, such as binding together connecting leads over as much of their length as possible, using cable ties or spiral wrap, is highly effective in cancelling
inductance.

The combination of an SPD with low voltage protection level (Up), and short, tightly bound connecting leads will lead to an optimum controlled installation meeting the requirements of BS 7671.

Figure 6: Total lead length for SPDs installed in parallel



SPD connections should be kept as short as possible, ideally below 0.25 m between SPD, live conductors & earth, but in any case not more than 0.5 m, to reduce risk of additive inductive voltage drops across the conductors.

Cross-sectional area of connecting conductors

Following BS 7671, the cross-sectional area of the SPD's connecting conductors shall be:

- Not less than 4 mm^2 copper (or equivalent) if the crosssectional area of the line conductors is greater than or equal to 4 mm^2, or
- Not less than that of the line conductors, where the line conductors have a cross-sectional area less than 4 mm^2
- For Type 1 SPDs, a minimum of 16 mm^2 copper or equivalent, where a structural LPS is installed

These cross-sectional area values are based on the surge current that these SPD connecting leads need to handle, not the supply current. However, in the event of a short circuit, for example due to the end of life condition of the SPD, the connecting leads to the SPD would need to be protected by a suitable Overcurrent Protective Device (OCPD).

BS 7671 defines requirements to ensure that fault protection shall remain effective in the protected installation even in the case of failure of SPDs. Therefore an SPD needs to be protected against short circuits through the use of an appropriate OCPD capable of eliminating the short-circuit. In effect, the SPD should have a dedicated OCPD installed in-line on its connecting leads, ensuring that this OCPD to the SPD discriminates with the upstream OCPD of the main supply.

Selection of the appropriate OCPD in-line with the SPD must ensure sufficient discrimination with the upstream OCPD of the main supply load. Installers should refer to OCPD manufacturers' operating characteristics to ensure discrimination, particularly where an installation includes a mixture of types of OCPD.

However, as a general rule of thumb, the OCPD for the SPD should be rated at approximately half the value of the upstream supply OCPD.

Other products to consider

ESP SL Series
For protection of twisted pair signalling applications

ESP Cat 6 Series
For protection of local area networks up to Cat 6 including Power over Ethernet (PoE)

ESP TN/JP Series
For protection of equipment connected to BT telephone (BS 6312) socket

ABB surge solutions
Furse Electronic Systems Protection

Furse Part No	ABB Order Code	ABB MCB Part No	ABB Fuse Part No
ESP 415/I/TNS	7TCA085460R0101	58035 - 125	E 933N/125 - 125 A
ESP 415/III/TNS	7TCA085460R0103	58035 - 125	E 933N/125 - 125 A
ESP 415 M4	7TCA085460R0124	58035 - 125	E 933N/125 - 125 A
ESP 415 M2	7TCA085460R0119	58035 - 125	E 933N/125 - 125 A
ESP 415 M1	7TCA085460R0112	S203P – 50	50 NA E 933N/50 - 50 A
ESP 415 D1	7TCA085460R0105	S203P – 50	50 NA E 933N/50 - 50 A
OVR T1+2 3N 15-255-7	2CTB815101R9000	58035 - 125	E 933N/125 - 125 A
OVR T2 3N 40 275s P TS	2CTB803395R0200	S203P - 50 NA	E 933N/50 - 50 A
OVR Plus N3 40	2CTB803701R0300	N/A	N/A
OVR Plus N1 20	2CTB803701R0700	N/A	N/A

*Maximum MCB/fuse ratings must be in accordance with the installation to follow coordination rules with main or upstream short circuit protection.

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