

System ProM compact MCB introduction

Twin terminal for separate feeding of busbar and conductor

IP20 safe finger protection

Easy identification 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 lose 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.



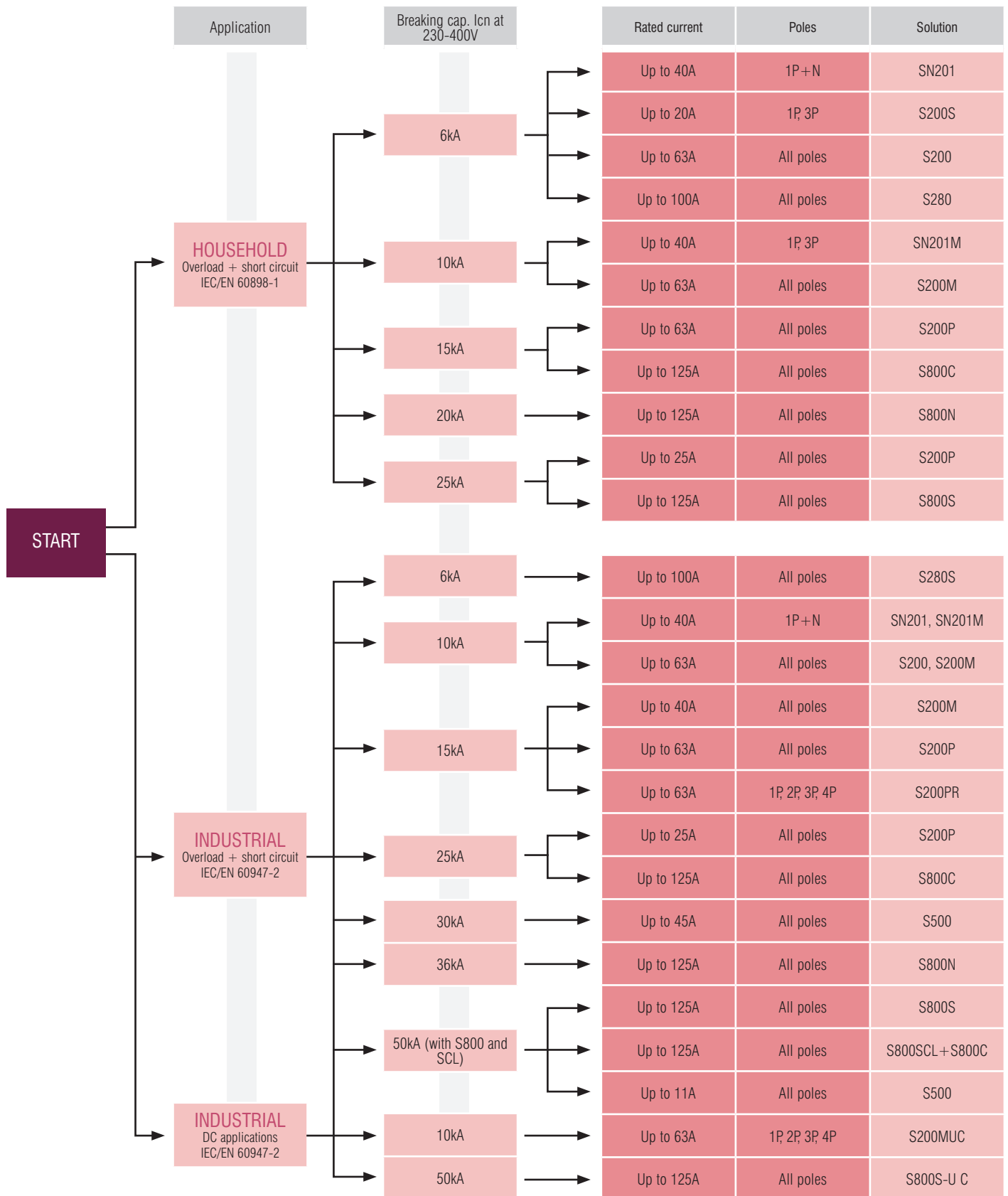
IP 20 - finder safe terminals

The System pro *M* compact® MCB's are equipped with 35 mm² + 10 mm² cylinder lift twin terminals, a well proven and reliable technology - designed for sophisticated 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⁾		Tripping time	Electromagnetic release ¹⁾		Tripping time
		Current: conventional non-tripping c.	conventional tripping c.		Currents: hold current surges	trip at least at	
IEC/EN 60898	B 6 to 63 A	$1.13 \cdot I_n$	$1.45 \cdot I_n$	> 1 h < 1 h	$3 \cdot I_n$	$5 \cdot I_n$	> 0.1 s < 0.1 s
	C 0.5 to 63 A	$1.13 \cdot I_n$	$1.45 \cdot I_n$	> 1 h < 1 h	$5 \cdot I_n$	$10 \cdot I_n$	> 0.1 s < 0.1 s
	D 0.5 to 63 A	$1.13 \cdot I_n$	$1.45 \cdot I_n$	> 1 h < 1 h	$10 \cdot I_n$	$20 \cdot I_n$	> 0.1 s < 0.1 s
DIN VDE 0660/9.82	K 0.5 to 63 A	$1.05 \cdot I_n$	$1.2 \cdot I_n$	> 1 h < 1 h	not applicable		
IEC/EN 60947-2 DIN VDE 0660 8/69 Part 101		$1.05 \cdot I_n$	$1.2 \cdot I_n$	> 2 h < 1 h ³⁾	$10 \cdot I_n$	$14 \cdot I_n$	> 0.2 s < 0.2 s
DIN VDE 0660/9.82	Z 0.5 to 63 A	$1.05 \cdot I_n$	$1.2 \cdot I_n$	> 1 h < 1 h	not applicable		
IEC/EN 60947-2 DIN VDE 0660 8/69 Part 101		$1.05 \cdot I_n$	$1.2 \cdot I_n$	> 2 h < 1 h ³⁾	$2 \cdot I_n$	$3 \cdot I_n$	> 0.2 s < 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).

