

MCB's S200 OV

Data sheet



The S200 OV Miniature circuit breaker is the perfect solution for a complete protection against overcurrent and shortcircuit. This serie ensure, at any time and under any condition, the safety of all facilities and related equipment.

01

01 S202 OV
2 pole Miniature circuit
breaker of S200 family

Main technical features

- S200 OV is a 2P, 3P and 3P+N MCB compliant to product standard IEC/EN 60898-1 and with the following main technical features:
- Breaking capacity 10 kA
- Tripping characteristics OV
- Rated current from 25 to 63 A

MCB's S200 OV

Technical data



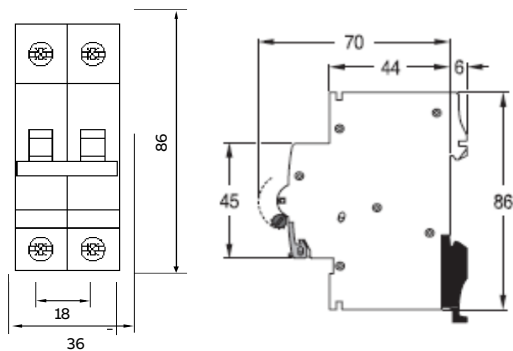
S200 OV			
Electrical features	Regulations		IEC/EN 60898-1, 60947-2
	Number of poles		2P, 3P, 3P+N
	Rated current I_n	A	$25 \leq I_n \leq 63$
	Rated voltage U_e	V	240-415
	Insulation voltage U_i	V	500 V AC
	AC Overvoltage category		III
	Pollution degree		2
	Rated frequency	Hz	50
	Rated breaking capacity acc. to IEC/EN 60898-1	I_{cn} A	10000
	Rated breaking capacity acc. to IEC/EN 60947-2 (only referring to short circuit test)	ultimate I_{cu}	kA 15 (for 2P), 30 (for 3P and 3P+N)
		service I_{cs}	kA 7.5
	Rated impulse withstand voltage (1.2/50) U_{imp}	kV	4 kV
	Dielectric test voltage at ind. freq. for 1 min.	kV	2.5 kV (50 / 60Hz, 1 min.)
	Thermomagnetic release - characteristic	OV: $10 I_n \leq I_n \leq 20 I_n$ ■	
Mechanical features	Housing		Insulation group I - II, RAL 7035
	Toggle		Insulation group II, Black RAL 9005, sealable in ON-OFF positions
	Electrical life	operations	10000
	Mechanical life	operations	20000
	Protection degree acc. to EN 60529	housing	IP2X
		terminals	IP2X
	Vibration resistance (in x, y, z direction) (IEC 77/16.3)		3g
	Tropicalisation (acc. EN 60068-2/DIN 40046)	°C/RH	+55°C°/95% RH
	Reference temperature for setting of thermal element	°C	30
	Ambient temperature (with daily average $\leq +35$ °C)	°C	-25...+70
	Storage temperature	°C	-55...+70
Terminal capacity	Terminal capacity		
	Rigid cable min/max (top)	mm ²	1/35
	Flexible cable min(*)/max (top)	mm ²	0.75/25
	Rigid cable min/max	mm ²	1/35
	Flexible cable min(*)/max (bottom)	mm ²	0.75/25
	Supply from	Top/Bottom terminals	
Dimensions and weight	Dimensions (H x D x W)	mm	86 x 68 x W
	85 Weight per module	g	120

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Dimensions and connections

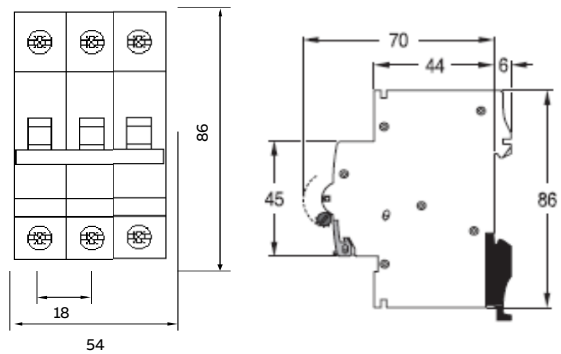
Overall dimensions S200 OV 2P

All measurements in mm



Overall dimensions S200 OV 3P

All measurements in mm



Overall dimensions S200 OV 3P+N

All measurements in mm

