

System pro M compact[®]

Miniature Circuit Breaker SUP203P

General Data

Standards	UL 489
Poles	3P
Tripping characteristics	K
Rated current I _n	30 A
Rated frequency f	50 / 60 Hz

UL / CSA

Rated voltage	480Y / 277 V AC
Short-circuit current rating acc. to UL 489	14 kA
Reference temperature for tripping characteristics	40°C
Electrical endurance	6,000 ops (AC); 1 cycle (1s - ON, 9s - OFF)

Mechanical data

Housing	Insulation group I, RAL 7035
Toggle	Insulation group II, black, sealable
Contact position indication	Real CPI (green OFF, red ON)
Protection degree acc. to DIN EN 60529	IP20 ¹⁾ , IP40 in enclosure with cover
Mechanical endurance	20,000 ops.
Shock resistance acc. to IEC/EN 60068-2-27	25 g - 2 shocks - 13 ms
Vibration resistance acc. to IEC/EN 60068-2-6	5g - 20 cycles at 5...150...5 Hz with load 0.8In
Environmental conditions (damp heat cyclic) acc. to IEC/EN 60068-2-30	28 cycles with 55°C/90-96% and 25°C/95-100%
Ambient temperature	-25 ... +55°C
Storage temperature	-40 ... +70°C

Installation

Terminal	Failsafe bi-directional cylinder-lift terminal
Cross-section of conductors (top/bottom)	Solid, stranded: 35 mm ² / 35 mm ² Flexible: 25 mm ² / 25 mm ² 18 - 4 AWG
Cross-section of busbars (top/bottom)	10 mm ² / 10 mm ² 18 - 8 AWG
Tightening torque	2.8 Nm AWG 18-16: 13.3 in-lbs. AWG 14-10: 17.7 in-lbs. AWG 8-4: 39.8 in-lbs.
Screwdriver	No. 2 Pozidriv
Mounting	On DIN rail 35 mm acc. to EN 60715 by fast clip
Mounting position	Any
Supply	Optional

Dimensions and weight

Mounting dimensions acc. to DIN 43880	Mounting dimension 3
Pole dimensions (H x D x W)	111 x 69 x 17.5 mm
Pole weight	Approx. 125 g

Combination with auxiliary elements

Auxiliary contact	Yes
Signal contact	Yes
Shunt trip	Yes

¹⁾ Also fulfilling the requirement acc. to the protection degree IPXXB

Contact us

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