

Product data sheet

Characteristics

M9F53306

Multi 9 - C60BPR - MCB - 3P - 6 A - D Curve -
480Y/277 V - 10 kA - UL 489



Main

Range	Multi 9
Product name	Multi 9 C60
Product or component type	Miniature circuit-breaker
Device short name	C60BPR
Device application	Distribution
Poles description	3P
Number of protected poles	3
[In] rated current	6 A at 25 °C conforming to EN/IEC 60947-2
Network type	AC
Trip unit technology	Thermal-magnetic
Curve code	D
Breaking capacity	Icu 6 kA at 440 V AC conforming to EN/IEC 60947-2 Icu 10 kA at 415 V AC conforming to EN/IEC 60947-2 Icu 20 kA at 240 V AC conforming to EN/IEC 60947-2 Icu 6 kA at 440 V AC conforming to GB 14048.2 Icu 10 kA at 415 V AC conforming to GB 14048.2 Icu 20 kA at 240 V AC conforming to GB 14048.2 AIR 14 kA at 240 V AC conforming to UL 489 AIR 10 kA at 480Y/277 V AC conforming to UL 489 AIR 14 kA at 240 V AC conforming to CSA C22.2 No 5 AIR 10 kA at 480Y/277 V AC conforming to CSA C22.2 No 5
Suitability for isolation	Yes conforming to EN/IEC 60947-2
Standards	UL 489 CSA C22.2 No 5 GB 14048.2 EN/IEC 60947-2
Product certifications	UL CSA CCC IEC

Complementary

[Ue] rated operational voltage	240 V AC 50/60 Hz 415 V AC 50/60 Hz 440 V AC 50/60 Hz
Magnetic tripping limit	12 x In +/- 20% AC

[Ics] rated service breaking capacity	4.5 kA 75 % x Icu at 440 V AC conforming to EN/IEC 60947-2 7.5 kA 75 % x Icu at 415 V AC conforming to EN/IEC 60947-2 15 kA 75 % x Icu at 240 V AC conforming to EN/IEC 60947-2 4.5 kA 75 % x Icu at 440 V AC conforming to GB 14048.2 7.5 kA 75 % x Icu at 415 V AC conforming to GB 14048.2 15 kA 75 % x Icu at 240 V AC conforming to GB 14048.2
[Ui] rated insulation voltage	500 V AC conforming to EN/IEC 60947-2
[Uimp] rated impulse withstand voltage	6 kV conforming to EN/IEC 60947-2
Contact position indicator	Yes
Control type	Toggle
Local signalling	ON/OFF indication
Mounting mode	Clip-on
Mounting support	DIN rail
9 mm pitches	6
Height	127 mm
Width	54 mm
Depth	72 mm
Colour	Grey
Mechanical durability	20000 cycles
Electrical durability	10000 cycles
Provision for padlocking	Padlockable
Connections - terminals	Ring terminal, top or bottom
Tightening torque	2 N.m (top or bottom)
Earth-leakage protection	Without

Environment

IP degree of protection	IP40 for modular enclosure conforming to IEC 60529 IP20 conforming to IEC 60529
Pollution degree	3 conforming to EN/IEC 60947-2
Tropicalisation	2 conforming to IEC 60068-1
Relative humidity	95 % (55 °C)
Operating altitude	0...2000 m
Ambient air temperature for operation	-30...70 °C
Ambient air temperature for storage	-40...80 °C

Offer Sustainability

RoHS (date code: YYWW)	Compliant - since 1719 - Schneider Electric declaration of conformity Schneider Electric declaration of conformity
REACH	Reference not containing SVHC above the threshold Reference not containing SVHC above the threshold