Product data sheet
Characteristics

M9F17316
Multi 9 - C60L - MCB - 3P - 16 A - C Curve - 415 V - 25 kA



Main

Range	Multi 9
Product name	Multi 9 C60
Product or component type	Miniature circuit-breaker
Device short name	C60L
Device application	Distribution
Poles description	3P
Number of protected poles	3
[In] rated current	16 A at 50 °C conforming to EN/IEC 60947-2
Network type	DC AC
Trip unit technology	Thermal-magnetic
Curve code	C
Breaking capacity	Icu 50 kA at <= 125 V DC conforming to EN/IEC 60947-2 Icu 50 kA at 240 V AC 50/60 Hz between phases conforming to EN/IEC 60947-2 Icu 25 kA at 415 V AC 50/60 Hz between phases conforming to EN/IEC 60947-2 Icu 20 kA at 440 V AC 50/60 Hz between phases conforming to EN/IEC 60947-2
Utilisation category	Category A conforming to EN/IEC 60947-2
Suitability for isolation	Yes conforming to EN/IEC 60947-2
Standards	EN/IEC 60947-2
Product certifications	CCC EAC

Complementary

Network frequency	50/60 Hz
[Ue] rated operational voltage	<= 125 V DC 240 V between phases AC 50/60 Hz 415 V between phases AC 50/60 Hz 440 V between phases AC 50/60 Hz
Magnetic tripping limit	8.5 x In +/- 20 % AC 12 x In +/- 20 % DC

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

[Ics] rated service breaking capacity	25 kA 50 % x Icu at 240 V AC 50/60 Hz conforming to EN/IEC 60947-2 12.5 kA 50 % x Icu at 415 V AC 50/60 Hz conforming to EN/IEC 60947-2 10 kA 50 % x Icu at 440 V AC 50/60 Hz conforming to EN/IEC 60947-2 50 kA 100 % x Icu at <= 125 V DC conforming to EN/IEC 60947-2
Limitation class	3
[Ui] rated insulation voltage	500 V AC 50/60 Hz 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	81 mm
Width	54 mm
Depth	72 mm
Product weight	0.36 kg
Colour	Grey
Mechanical durability	20000 cycles
Electrical durability	10000 cycles
Provision for padlocking	Padlockable
Connections - terminals	Tunnel type terminal, top or bottom rigid wire(s) 1...25 mm² max Tunnel type terminal, top or bottom flexible wire(s) 1...25 mm² max Tunnel type terminal, top or bottom flexible with ferrule wire(s) 1...25 mm² max
Wire stripping length	14 mm (top or bottom)
Tightening torque	2 N.m (top or bottom)
Earth-leakage protection	Separate block

Environment

Heat dissipation	7.5 W 415 V 16 A
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
Overvoltage category	IV
Tropicalisation	2 conforming to IEC 60068-1
Relative humidity	95 % (55 °C)
Ambient air temperature for operation	-30...70 °C
Ambient air temperature for storage	-40...80 °C

Offer Sustainability

Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 1340 - 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
Product environmental profile	Available
Product end of life instructions	Need no specific recycling operations