Product data sheet

Specifications

Miniature circuit breaker (MCB), Multi9 C60L, 3P, 16A, C curve, 25kA (IEC/EN 60947-2)

M9F17316

Product availability: Non-Stock - Not normally stocked in distribution facility

Main

Range	Multi9
Product name	Multi9 C60
Product or Component Type	Miniature circuit-breaker
Device short name	C60L
Device Application	Distribution
Poles description	3P
Number of protected poles	3
Line Rated Current	16 A 122 °F (50 °C) EN/IEC 60947-2
Network type	DC AC
Network Frequency	50/60 Hz
Trip unit technology	Thermal-magnetic
Curve code	C
Breaking capacity	50 kA Icu <= 125 V DC EN/IEC 60947-2 50 kA Icu 240 V AC 50/60 Hz between phases EN/IEC 60947-2 25 kA Icu 415 V AC 50/60 Hz between phases EN/IEC 60947-2 20 kA Icu 440 V AC 50/60 Hz between phases EN/IEC 60947-2
Utilisation category	Category A EN/IEC 60947-2
Standards	EN/IEC 60947-2
Product certifications	EAC CCC

Complementary

[Ue] rated operational voltage	240 V AC 50/60 Hz between phases 415 V AC 50/60 Hz between phases 440 V AC 50/60 Hz between phases <= 125 V DC
Magnetic tripping limit	8.5 x In +/- 20 % AC 12 x In +/- 20 % DC
[Ics] rated service breaking capacity	25 kA 50 % EN/IEC 60947-2 - 240 V AC 50/60 Hz 12.5 kA 50 % EN/IEC 60947-2 - 415 V AC 50/60 Hz 10 kA 50 % EN/IEC 60947-2 - 440 V AC 50/60 Hz 50 kA 100 % EN/IEC 60947-2 - <= 125 V DC
Limitation class	3
[Ui] rated insulation voltage	500 V AC 50/60 Hz EN/IEC 60947-2
[Uimp] rated impulse withstand voltage	6 kVEN/IEC 60947-2
Suitability for isolation	Yes EN/IEC 60947-2

Price is “List Price” and may be subject to a trade discount – check with your local distributor or retailer for actual price.

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

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	3.2 in (81 mm)
Width	2.1 in (54 mm)
Depth	2.8 in (72 mm)
Net Weight	0.79 lb(US) (0.36 kg)
color	Gray
Mechanical durability	20000 cycles
Electrical durability	10000 cycles
Provision for padlocking	Padlockable
Connections - terminals	Tunnel type terminal top or bottom) 0.002…0.04 in² (1…25 mm²) - rigid Tunnel type terminal top or bottom) 0.002…0.04 in² (1…25 mm²) - flexible Tunnel type terminal top or bottom) 0.002…0.04 in² (1…25 mm²) - flexible with ferrule
Wire stripping length	0.6 in (14 mm) for top or bottom connection
Tightening torque	17.7 lbf.in (2 N.m) top or bottom
Earth-leakage protection	Separate block

Environment

IP degree of protection	IP20 conforming to IEC 60529 IP40 (modular enclosure) conforming to IEC 60529
Pollution degree	3 EN/IEC 60947-2
Overvoltage category	IV
Tropicalisation	2 IEC 60068-1
Relative humidity	95 % 131 °F (55 °C)
Ambient air temperature for operation	-22…158 °F (-30…70 °C)
Ambient Air Temperature for Storage	-40…176 °F (-40…80 °C)

Ordering and shipping details

Category	US10DE200908
Discount Schedule	0DE2
GTIN	3606480578144
Returnability	No
Country of origin	FR

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	3.346 in (8.500 cm)
Package 1 Width	2.953 in (7.500 cm)

Package 1 Length	2.126 in (5.400 cm)
Package weight(Lbs)	11.570 oz (328.000 g)
Unit Type of Package 2	BB1
Number of Units in Package 2	4
Package 2 Height	3.150 in (8.000 cm)
Package 2 Width	3.543 in (9.000 cm)
Package 2 Length	8.858 in (22.500 cm)
Package 2 Weight	3.003 lb(US) (1.362 kg)
Unit Type of Package 3	S03
Number of Units in Package 3	48
Package 3 Height	11.811 in (30.000 cm)
Package 3 Width	11.811 in (30.000 cm)
Package 3 Length	15.748 in (40.000 cm)
Package 3 Weight	36.841 lb(US) (16.711 kg)

Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

Environmental Data explained >

How we assess product sustainability >

Environmental footprint

Carbon footprint (kg CO2 eq, Total Life cycle)	46
Environmental Disclosure	Product Environmental Profile

Use Better

Materials and Substances

Packaging made with recycled cardboard	Yes
Packaging without single use plastic	Yes
EU RoHS Directive	Compliant
SCIP Number	40a4e715-7fff-45ff-88bf-38212f6a80a5
REACh Regulation	REACh Declaration
California proposition 65	WARNING: This product can expose you to chemicals including: DIDP, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov

Use Again

Repack and remanufacture

Recyclability potential, in %	56
Circularity Profile	No need of specific recycling operations
Take-back	No
WEEE Label	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.

Image of product / Alternate images

Alternative