Product data sheet
Characteristics

M9F12206
Multi9 - C60N - MCB - 2P - 6 A - D Curve - 415 V - 10 kA

Main

Range	Multi 9
Product name	Multi 9 C60
Product or component type	Miniature circuit-breaker
Device short name	C60N
Device application	Distribution
Poles description	2P
Number of protected poles	2
Line Rated Current	6 A 122 °F (50 °C) EN/IEC 60947-2
Network type	DC AC
Trip unit technology	Thermal-magnetic
Curve code	D
Breaking capacity	20 KA Icu at <= 125 V DC conforming to EN/IEC 60947-2 10 KA Icu 415 V AC 50/60 Hz between phases EN/IEC 60947-2 20 KA Icu 240 V AC 50/60 Hz between phases EN/IEC 60947-2 6 kA Icu 440 V AC 50/60 Hz between phases 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	EAC KC CCC

Complementary

Network frequency	50/60 Hz
[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	12 x In +/- 20 % AC 17 x In +/- 20 % DC
[Ics] rated service breaking capacity	7.5 KA 75 % EN/IEC 60947-2 - 415 V AC 50/60 Hz 16 KA 75 % EN/IEC 60947-2 - 240 V AC 50/60 Hz 4.5 KA 75 % conforming to EN/IEC 60947-2 - 440 V AC 50/60 Hz 20 kA 100 % EN/IEC 60947-2 - <= 125 V DC
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	4
Height	3.19 in (81 mm)
Width	1.42 in (36 mm)

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It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof.
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Maximum Depth	2.83 in (72 mm)
Net Weight	0.53 lb(US) (0.24 kg)
Color	Grey
Mechanical durability	20000 cycles
Electrical durability	10000 cycles
Provision for padlocking	Padlockable
Connections - terminals	Tunnel type terminal top or bottom) 0.00…0.04 in² (1…25 mm²) - rigid Tunnel type terminal top or bottom) 0.00…0.04 in² (1…25 mm²) - flexible Tunnel type terminal top or bottom) 0.00…0.04 in² (1…25 mm²) - flexible with ferrule
Wire stripping length	14 mm for top or bottom connection
Tightening torque	2 N.m top or bottom
Earth-leakage protection	Separate block

Environment

Heat dissipation	5.4 W 415 V - 6 A
IP degree of protection	IP20 conforming to IEC 60529 IP40 (modular enclosure) 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 % at 55 °C
Ambient air temperature for operation	-30…70 °C
Ambient air temperature for storage	-40…176 °F (-40…80 °C)

Ordering and shipping details

Category	00908 - C60N SUPPLEMENTARY PROTECTORS
Discount Schedule	DE2
GTIN	03606480576737
Nbr. of units in pkg.	1
Package weight(Lbs)	0.5 lb(US) (0.23 kg)
Returnability	No
Country of origin	BG

Packing Units

Unit Type of Package 1	PCE
Package 1 Height	1.42 in (3.6 cm)
Package 1 width	2.95 in (7.5 cm)
Package 1 Length	3.35 in (8.5 cm)
Unit Type of Package 2	BB1
Number of Units in Package 2	6
Package 2 Weight	2.85 lb(US) (1.292 kg)
Package 2 Height	3.54 in (9 cm)
Package 2 width	3.15 in (8 cm)
Package 2 Length	8.66 in (22 cm)
Unit Type of Package 3	S03
Number of Units in Package 3	72
Package 3 Weight	35.37 lb(US) (16.042 kg)
Package 3 Height	11.81 in (30 cm)
Package 3 width	11.81 in (30 cm)
Package 3 Length	15.75 in (40 cm)

Offer Sustainability

Sustainable offer status	Green Premium product
REACh Regulation	REACh Declaration
EU RoHS Directive	Compliant EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	Yes
China RoHS Regulation	China RoHS Declaration
Environmental Disclosure	Product Environmental Profile
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.
Halogen content performance	Halogen free product