Product datasheet

Specification





Multi9 - C60N - MCB - 3P - 32 A - C Curve - 415 V - 10 kA

M9F11332

EAN Code: 3606480576416

Main

Range	Multi9	
Product name	Multi9 C60	
Product or component type	Miniature circuit-breaker	
Device short name	C60N	
Device application	Distribution	
poles description	3P	
Number of protected poles	ber of protected poles 3	
[In] rated current	32 A at 50 °C conforming to EN/IEC 60947-2	
network type	DC AC	
Trip unit technology	Thermal-magnetic	
Curve code	С	
Breaking capacity	30 kA Icu at <= 125 V DC conforming to EN/IEC 60947-2 10 kA Icu at 415 V AC 50/60 Hz between phases conforming to EN/IEC 60947-2 20 kA Icu at 240 V AC 50/60 Hz between phases conforming to EN/IEC 60947-2 6 kA Icu 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	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	8.5 x In +/- 20 % AC 12 x In +/- 20 % DC
[lcs] rated service breaking capacity	7.5 kA 75 % conforming to EN/IEC 60947-2 - 415 V AC 50/60 Hz 16 kA 75 % conforming to 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 30 kA 100 % conforming to 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	tand 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	m pitches 6	
Height	81 mm	
Width	54 mm	
Depth	72 mm	
Net weight	0.36 kg	
Colour	Grey	
Mechanical durability	20000 cycles	
Electrical durability	10000 cycles	
Provision for padlocking	locking Padlockable	
Connections - terminals	Tunnel type terminal (top or bottom)1.535 mm² - rigid Tunnel type terminal (top or bottom)1.535 mm² - flexible Tunnel type terminal (top or bottom)1.535 mm² - flexible with ferrule	
Wire stripping length	length 14 mm for top or bottom connection	
Tightening torque	3.5 N.m top or bottom	
arth-leakage protection Separate block		

Environment

Heat dissipation	10.5 W at 415 V - 32 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	-3070 °C	
Ambient air temperature for storage	-4080 °C	

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	7.5 cm
Package 1 Width	5.4 cm
Package 1 Length	8.5 cm
Package 1 Weight	355 g
Unit Type of Package 2	BB1
Number of Units in Package 2	4

Package 2 Height	7.8 cm
Package 2 Width	8.6 cm
Package 2 Length	22.5 cm
Package 2 Weight	1.465 kg
Unit Type of Package 3	S03
Number of Units in Package 3	48
Package 3 Height	30 cm
Package 3 Width	30 cm
Package 3 Length	40 cm
Package 3 Weight	18.073 kg

Contractual warranty

Warranty 18 months

Sustainability Screen Premium*

Green PremiumTM **label** is Schneider Electric's commitment to delivering products with best-inclass environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO₂ products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

Learn more about Green Premium >

Guide to assess a product's sustainability >





Transparency RoHS/REACh

Well-being performance

	Mercury Free	
⊘	Rohs Exemption Information	Yes
②	Halogen Free Product	

Certifications & Standards

Reach Regulation	REACh Declaration
Eu Rohs Directive	Compliant with Exemptions
China Rohs Regulation	China RoHS declaration Product out of China RoHS scope. Substance declaration for your information
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
Circularity Profile	No need of specific recycling operations

9 Aug 2024