



## 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	1P
Number of protected poles	1
[In] rated current	20 A at 50 °C conforming to EN/IEC 60947-2
Network type	DC AC
Trip unit technology	Thermal-magnetic
Curve code	D
Breaking capacity	15 KA Icu at <= 72 V DC conforming to EN/IEC 60947-2 10 KA Icu at 240 V AC 50/60 Hz between phase and neutral conforming- to EN/IEC 60947-2 3 KA Icu at 415 V AC 50/60 Hz between phase and neutral 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 phase and neutral 415 V AC 50/60 Hz between phase and neutral <= 72 V DC
Magnetic tripping limit	12 x In +/- 20 % AC 17 x In +/- 20 % DC
[Ics] rated service breaking capacity	7.5 KA 75 % conforming to EN/IEC 60947-2 - 240 V AC 50/60 Hz 2.25 KA 75 % conforming to EN/IEC 60947-2 - 415 V AC 50/60 Hz 15 KA 100 % conforming to EN/IEC 60947-2 - <= 72 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	2
Height	81 Mm
Width	18 Mm
Depth	72 Mm
Net weight	0.12 Kg
Colour	Grey
Mechanical durability	20000 Cycles
Electrical durability	10000 Cycles
Provision for padlocking	Padlockable
Connections - terminals	Tunnel type terminal (top or bottom)1...25 mm <sup>2</sup> - rigid Tunnel type terminal (top or bottom)1...25 mm <sup>2</sup> - flexible Tunnel type terminal (top or bottom)1...25 mm <sup>2</sup> - 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	3 W at 240 V - 20 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...80 °C

## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Weight	105 G
Package 1 Height	1.8 Cm
Package 1 width	7.5 Cm
Package 1 Length	8.5 Cm
Unit Type of Package 2	BB1
Number of Units in Package 2	12
Package 2 Weight	1.304 Kg
Package 2 Height	9 Cm
Package 2 width	8 Cm
Package 2 Length	22 Cm
Unit Type of Package 3	S03
Number of Units in Package 3	144
Package 3 Weight	16.135 Kg
Package 3 Height	30 Cm
Package 3 width	30 Cm
Package 3 Length	40 Cm

## Offer Sustainability

Sustainable offer status	Green Premium product
REACH free of SVHC	Yes
EU RoHS Directive	Compliant  <a href="#">EU RoHS Declaration</a>
Toxic heavy metal free	Yes
Mercury free	Yes

RoHS exemption information	<a href="#">Yes</a>
China RoHS Regulation	<a href="#">China RoHS Declaration</a>
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

### Contractual warranty

Warranty	18 months
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Product Life Status :	<b>Commercialised</b>
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