

Product datasheet

Specifications



miniature circuit breaker - C60H - 1 pole - 32 A - C curve

C60H1P32AC

! Discontinued on: 01 November 2020

! Discontinued

Main

Device application	Distribution
Range of product	C60
Range	Multi9
Product name	C60
Product or component type	Miniature circuit-breaker
Device short name	C60H
Poles description	1P
Number of protected poles	1
[In] rated current	32 A at 30 °C
Network type	AC
Trip unit technology	Thermal-magnetic
Curve code	C
Suitability for isolation	Yes conforming to IEC 60947-2

Complementary

Network frequency	50/60 Hz
[Ue] rated operational voltage	440 V AC 50/60 Hz
Magnetic tripping limit	5...10 x In
Breaking capacity	15 kA Icu at 230...240 V AC 50/60 Hz conforming to IEC 60947-2 20 kA Icu at 60 V DC 1P conforming to IEC 60947-2 30 kA Icu at 130 V AC 50/60 Hz conforming to IEC 60947-2 4 kA Icu at 400...415 V AC 50/60 Hz conforming to IEC 60947-2
[Ics] rated service breaking capacity	15 kA conforming to IEC 60947-2 - 12...440 V AC 50/60 Hz 2 kA conforming to IEC 60947-2 AC 50/60 Hz 7.5 kA conforming to IEC 60947-2 - 60 V AC 50/60 Hz
Limitation class	3 conforming to IEC 60947-2
[Ui] rated insulation voltage	500 V AC 50/60 Hz conforming to IEC 60947-2
[Uimp] rated impulse withstand voltage	6 kV conforming to IEC 60947-2
Contact position indicator	Yes
Control type	Toggle

Local signalling	ON/OFF indication
Mounting mode	Fixed
Mounting support	35 mm symmetrical DIN rail
Comb busbar and distribution block compatibility	YES
9 mm pitches	2
Height	81 mm
Width	18 mm
Depth	73 mm
Net weight	0.12 kg
Mechanical durability	20000 cycles
Connections - terminals	Tunnel type terminals25 mm ² flexible Tunnel type terminals35 mm ² rigid
Wire stripping length	14 mm
Tightening torque	3.5 N.m

Environment

Tropicalisation	2 conforming to IEC 60068-1
Relative humidity	95 % at 55 °C
Operating altitude	2000 m
Ambient air temperature for operation	-25...60 °C
Ambient air temperature for storage	-40...70 °C

Packing Units

Package 1 Weight	0.116 kg
Package 1 Height	77.500 mm
Package 1 Width	17.700 mm
Package 1 Length	81.000 mm

Contractual warranty

Warranty	18 months
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Recommended replacement(s)

C60H1P32AC is replaced by:

1x



miniature circuit breaker - xC60 - 1 pole - 32 A - C curve
A9N1P32C