

Product datasheet

Specifications



C60 - circuit breaker - C60H - 3P - 50A - D curve

25209

⚠ Discontinued on: 01-Nov-2020

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Main

Range of product	C60
Range	Multi9
Product name	C60
Product or component type	Miniature circuit-breaker
Device short name	C60H
Device application	Distribution
poles description	3P
Number of protected poles	3
[In] rated current	50 A at 40 °C
Network type	AC
Trip unit technology	Thermal-magnetic
Curve code	D
Breaking capacity	10 kA Icu at 440 V AC 50/60 Hz conforming to EN/IEC 60947-2 15 kA Icu at 400...415 V AC 50/60 Hz conforming to EN/IEC 60947-2 25 kA Icu at 125 V DC 2P conforming to EN/IEC 60947-2 30 kA Icu at 230...240 V AC 50/60 Hz conforming to EN/IEC 60947-2 40 kA Icu at 125 V DC 3P conforming to EN/IEC 60947-2
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 230...240 V AC 50/60 Hz 400...415 V AC 50/60 Hz
Magnetic tripping limit	10...14 x In
[Ics] rated service breaking capacity	15 kA conforming to EN/IEC 60947-2 - 12...440 V AC 50/60 Hz 7.5 kA conforming to EN/IEC 60947-2 - 60 V AC 50/60 Hz 5 kA conforming to EN/IEC 60947-2 AC 50/60 Hz
Limitation class	3 conforming to EN/IEC 60947-2
Contact position indicator	Yes
Control type	Toggle
Local signalling	ON/OFF indication
mounting mode	Clip-on
mounting support	35 mm symmetrical DIN rail

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

Comb busbar and distribution block compatibility	YES
9 mm pitches	6
Height	81 mm
Width	54 mm
Depth	73 mm
Net weight	0.36 kg
Mechanical durability	20000 cycles
Connections - terminals	Tunnel type terminals25 mm² flexible Tunnel type terminals35 mm² rigid
Wire stripping length	14 mm
Tightening torque	3.5 N.m
Earth-leakage protection	Separate block

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

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	8.5 cm
Package 1 Width	5.4 cm
Package 1 Length	7.3 cm
Package 1 Weight	0.371 kg

Contractual warranty

Warranty	18 months
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