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Characteristics

Device short name: C60H

Poles description: 2P

Curve code: C

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24857
C60 - circuit breaker - C60H - 2P - 50A - C curve

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Characteristics

Main	
Circuit breaker application	Distribution
Range of product	C60
Product or component type	Circuit breaker
Device short name	C60H
Poles description	2P
Number of protected poles	2
[In] rated current	50 A at 30 °C
Network type	AC DC
Trip unit technology	Thermal-magnetic
Curve code	C
Breaking capacity	50 kA Icu conforming to EN/IEC 60947-2 - <= 250 V DC 4P 40 kA Icu conforming to EN/IEC 60947-2 - 125 V DC 3P 30 kA Icu conforming to EN/IEC 60947-2 - 230...240 V AC 50/60 Hz 25 kA Icu conforming to EN/IEC 60947-2 - 125 V DC 2P 15 kA Icu conforming to EN/IEC 60947-2 - 400...415 V AC 50/60 Hz 10 kA Icu conforming to EN/IEC 60947-2 - 440 V AC 50/60 Hz 10000 A Icn conforming to EN 60898 - 230/400 V AC 50/60 Hz
Suitability for isolation	Yes conforming to IEC 60947-2
Complementary	
Network frequency	50/60 Hz
[Ue] rated operational voltage	12...440 V AC 50/60 Hz
Magnetic tripping limit	5...10 x In
[Ics] rated service breaking capacity	5 kA conforming to EN/IEC 60947-2 - 440 V AC 50/60 Hz 15 kA conforming to EN/IEC 60947-2 - 230...240 V AC 50/60 Hz 7.5 kA conforming to EN/IEC 60947-2 - 400...415 V AC 50/60 Hz 7.5 kA conforming to EN 60898 - 230/400 V AC 50/60 Hz
Limitation class	3 conforming to EN/IEC 60947-2
[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	35 mm symmetrical DIN rail
Comb busbar distribution block compatibility	NO
9 mm pitches	4
Height	81 mm
Width	36 mm
Depth	73 mm
Product weight	0.24 kg
Mechanical durability	20000 cycles
Connections - terminals	Tunnel type terminals rigid wire(s) 35 mm ² max Tunnel type terminals flexible wire(s) 25 mm ² max
Tightening torque	3.5 N.m upside power circuit 3.5 N.m downside
Earth-leakage protection	Separate block
Product compatibility	C60 accessories C60 auxiliary
Environment	
Standards	EN 60898 EN/IEC 60947-2
Tropicalisation	2 conforming to IEC 60068-1
Relative humidity	95 % 55 °C
Operating altitude	2000 m
Ambient air temperature for operation	-25...60 °C
Ambient air temperature for storage	-40...70 °C
Contractual warranty	
Period	18 months