

Product datasheet

Specifications



C60 - circuit breaker - C60L - 2P - 50A - C curve

25429

 **Discontinued on:** 29 Aug 2019

 **Discontinued**

Main

Range Of Product	C60
Range	Multi9
Product Name	C60
Product Or Component Type	Miniature circuit-breaker
Device Short Name	C60L
Device Application	Distribution
Poles Description	2P
Number Of Protected Poles	2
[In] Rated Current	50 A at 40 °C
Network Type	AC DC
Trip Unit Technology	Thermal-magnetic
Curve Code	C
Breaking Capacity	20 kA Icu at 440 V AC 50/60 Hz conforming to EN/IEC 60947-2 50 kA Icu at 230...240 V AC 50/60 Hz conforming to EN/IEC 60947-2 25 kA Icu at 400...415 V AC 50/60 Hz conforming to EN/IEC 60947-2 30 kA Icu at 125 V DC 2P conforming to EN/IEC 60947-2 50 kA Icu at 125 V DC 3P conforming to EN/IEC 60947-2 60 kA Icu at <= 250 V DC 4P 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 <= 250 V DC
Magnetic Tripping Limit	7...10 x In
[Ics] Rated Service Breaking Capacity	10 kA conforming to EN/IEC 60947-2 - 440 V AC 50/60 Hz 25 kA conforming to EN/IEC 60947-2 - 230...240 V AC 50/60 Hz 12.5 kA conforming to EN/IEC 60947-2 - 400...415 V 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

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

Mounting Support	35 mm symmetrical DIN rail
Comb Busbar And Distribution Block Compatibility	NO
9 Mm Pitches	4
Height	81 mm
Width	36 mm
Depth	73 mm
Net Weight	0.24 kg
Mechanical Durability	20000 cycles
Connections - Terminals	Tunnel type terminals25 mm² flexible Tunnel type terminals35 mm² rigid
Tightening Torque	Power circuit: 3.5 N.m upside 3.5 N.m downside
Earth-Leakage Protection	Separate block
Product Compatibility	C60 auxiliary C60 accessories

Environment

Standards	EN 60898 EN/IEC 60947-2
Ip Degree Of Protection	IP20 conforming to IEC 60529
Overvoltage Category	IV
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	3.6 cm
Package 1 Length	7.3 cm
Package 1 Weight	0.242 kg

Contractual warranty

Warranty	18 months
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Sustainability




Green Premium™ label is Schneider Electric's commitment to delivering products with best-in-class 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.

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[Guide to assess a product's sustainability >](#)

Well-being performance

 Mercury Free	
 Rohs Exemption Information	Yes
 Halogen Free Plastic Parts & Cables Product	
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
Weee	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins