Product data sheet
Characteristics

25396
miniature circuit breaker - C60L - 1 pole - 6 A - C curve

Main

Circuit breaker application	Distribution
Range of product	C60
Device short name	C60L
Poles description	1P
Number of protected poles	1
Network type	AC DC
Trip unit technology	Thermal-magnetic
Curve code	C
Suitability for isolation	Yes conforming to IEC 60947-2

Complementary

[In] rated current	6 A (40 °C)
Network frequency	50/60 Hz
[Ue] rated operational voltage	12...440 V AC 50/60 Hz
Magnetic tripping limit	7...10 x In
Breaking capacity	Icu 50 kA at 130 V AC 50/60 Hz conforming to IEC 60947-2 Icu 25 kA at 230...240 V AC 50/60 Hz conforming to IEC 60947-2 Icu 6 kA at 400...415 V AC 50/60 Hz conforming to IEC 60947-2 Icu 25 kA at 60 V DC 1P conforming to IEC 60947-2
[Ics] rated service breaking capacity	Ics 3 kA 400...415 V AC 50/60 Hz conforming to IEC 60947-2 Ics 12.5 kA 230...240 V AC 50/60 Hz conforming to IEC 60947-2 Ics 25 kA 130 V AC 50/60 Hz conforming to IEC 60947-2
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 distribution block compatibility	NO
9 mm pitches	2
Height	81 mm
Width	18 mm
Depth	73 mm
Product weight	0.12 kg
Mechanical durability	20000 cycles
Connections - terminals	Tunnel type terminals 16 mm² flexible Tunnel type terminals 25 mm² rigid
Tightening torque	Power circuit: 2 N.m upside 2 N.m downside
Product compatibility	C60 accessories C60 auxiliary

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Environment

Standards	EN 60898 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
RoHS EUR conformity date	0643
RoHS EUR status	Compliant

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