

# Product datasheet

Specifications



## C60 - circuit breaker - C60N - 3P - 40A - C curve

24354

### Main

Range of product	C60
Range	Multi 9
Product name	C60
Product or component type	Miniature circuit-breaker
Device short name	C60N
Device application	Distribution
Poles description	3P
Number of protected poles	3
[In] rated current	40 A at 30 °C
Network type	AC
Trip unit technology	Thermal-magnetic
Curve code	C
Breaking capacity	6000 A Icn at 400 V AC conforming to IEC 60898 10 kA Icu at 400...415 V AC conforming to EN/IEC 60947-2 20 kA Icu at 230...240 V AC conforming to EN/IEC 60947-2 6 kA Icu at 440 V AC conforming to EN/IEC 60947-2
Suitability for isolation	Yes conforming to IEC 60947-2

### Complementary

[Ue] rated operational voltage	440 V AC 400 V AC 400...415 V AC 230...240 V AC
Magnetic tripping limit	5...10 x In
[Ics] rated service breaking capacity	15 kA conforming to EN/IEC 60947-2 - 230...240 V AC 4.5 kA conforming to EN/IEC 60947-2 - 440 V AC 7.5 kA conforming to EN/IEC 60947-2 - 400...415 V AC 6000 A conforming to IEC 60898 - 400 V AC
[Ui] rated insulation voltage	500 V AC conforming to EN/IEC 60947-2
Contact position indicator	Yes
Control type	Toggle
Local signalling	ON/OFF indication
Mounting mode	Clip-on

<b>Mounting support</b>	35 mm symmetrical DIN rail
<b>9 mm pitches</b>	6
<b>Height</b>	81 mm
<b>Width</b>	54 mm
<b>Depth</b>	73 mm
<b>Net weight</b>	0.36 kg
<b>Mechanical durability</b>	20000 cycles
<b>Connections - terminals</b>	Tunnel type terminals25 mm <sup>2</sup> flexible Tunnel type terminals35 mm <sup>2</sup> rigid
<b>Tightening torque</b>	3.5 N.m
<b>Earth-leakage protection</b>	Separate block

## Environment

<b>Standards</b>	EN/IEC 60947-2 IEC 60898
<b>Tropicalisation</b>	2 conforming to IEC 60068-1
<b>Relative humidity</b>	95 % at 55 °C
<b>Operating altitude</b>	2000 m
<b>Ambient air temperature for operation</b>	-25...60 °C
<b>Ambient air temperature for storage</b>	-40...70 °C