



24341 (21 122 68)

C60 - circuit breaker - C60N - 2P - 40A ...
C60 - circuit breaker - C60N - 2P - 40A - C curve

Usage / Application

Circuit breaker application	distribution
-----------------------------	--------------

[Create PDF document](#)

Functional

Limitation class	3 conforming to ENIEC 60947-2
Contact position indicator	yes
Control type	toggle
Local signalling	ON/OFF indication

[Documents](#)

Electrical

Poles description	2P
Number of protected poles	2
Neutral position	left
[In] rated current	40 A at 30 °C
Network type	AC
Network frequency	50/60 Hz
[Ue] rated operational voltage	230...240 V AC 50/60 Hz
Curve code	C
Magnetic tripping limit	5...10 x In
Breaking capacity	6000 A Icn conforming to EN 60898 - 230/400 V AC 50/60 Hz
	20 kA Icu conforming to ENIEC 60947-2 - 130 V AC 50/60 Hz
	10 kA Icu conforming to ENIEC 60947-2 - 230...240 V AC 50/60 Hz
	15 kA Icu conforming to ENIEC 60947-2 - 60 V DC 1P
	3 kA Icu conforming to ENIEC 60947-2 - 400...415 V AC 50/60 Hz
[Ui] rated insulation voltage	500 V AC 50/60 Hz conforming to ENIEC 60947-2
[Uimp] rated impulse withstand voltage	6 kV conforming to ENIEC 60947-2

Performance

[Ics] rated service breaking capacity	15 kA conforming to ENIEC 60947-2 - 130 V AC 50/60 Hz
	7.5 kA conforming to ENIEC 60947-2 - 230...240 V AC 50/60 Hz
	2.25 kA conforming to ENIEC 60947-2 - 400...415 V AC 50/60 Hz
	6000 A conforming to EN 60898 - 230/400 V AC 50/60 Hz
Mechanical durability	20000 cycles

Connections

Connections - terminals	tunnel type terminals flexible wire(s) 25 mm ² max tunnel type terminals rigid wire(s) 35 mm ² max
-------------------------	-----------------------------------------------------------------------------------------------------------------------------

Installation

Mounting mode	clip-on
Mounting support	35 mm symmetrical DIN rail

Product identification

Range of product	C60
------------------	-----

Product or component type	circuit breaker
Device short name	C60N
Trip unit technology	thermal-magnetic
Suitability for isolation	yes conforming to IEC 60947-2
Earth-leakage protection	separate block

Physical characteristics

9 mm pitches	4
Height	81 mm
Width	36 mm
Depth	73 mm
Product weight	0.24 kg
Tightening torque	3.5 Nm

Environment

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

Certifications and standards

Standards	ENIEC 60947-2 IEC 60898
-----------	----------------------------