



Main

Circuit breaker application	Distribution
Range of product	C60
Device short name	C60N
Poles description	3P
Number of protected poles	3
Network type	AC
Trip unit technology	Thermal-magnetic
Curve code	C
Suitability for isolation	Yes IEC 60947-2

Complementary

[In] rated current	50 A 30 °C
[Ue] rated operational voltage	440 V AC 440 V AC
Magnetic tripping limit	5...10 x In
Breaking capacity	6 kA Icn IEC 60898 400 V AC 6 kA Icu IEC 60947-2 440 V AC 10 kA Icu IEC 60947-2 400...415 V AC 20 kA Icu IEC 60947-2 230...240 V AC 30 kA Icu IEC 60947-2 125 V DC
[Ics] rated service breaking capacity	4,5 kA IEC 60947-2 440 V AC 6 kA IEC 60898 400 V AC 7,5 kA IEC 60947-2 400...415 V AC 15 kA IEC 60947-2 230...240 V AC
[Ui] rated insulation voltage	500 V AC IEC 60947-2
[Uimp] rated impulse withstand voltage	6 kV IEC 60947-2
Contact position indicator	Yes
Control type	Operating handle
Local signalling	Positive break indication
Mounting mode	Fixed
Mounting support	35 mm symmetrical DIN rail
9 mm pitches	6
Product weight	0,36 kg
Mechanical durability	20000 cycles
Connections - terminals	Tunnel type terminals 25 mm ² flexible Tunnel type terminals 35 mm ² rigid
Tightening torque	3,5 N.m

Environment

Standards	IEC 60898 IEC 60947-2
Tropicalisation	2 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	0651
RoHS EUR status	Compliant

