



Main

Commercial Status	Commercialised
Device application	Distribution
Range	Acti 9
Product or component type	Miniature circuit-breaker
Product name	IC60
Device short name	IC60a
Poles description	2P
Number of protected poles	2
[In] rated current	20 A
Network type	AC
Trip unit technology	Thermal-magnetic
Curve code	C
Breaking capacity	6 kA Icu conforming to IEC 60947-2 - 380...415 V AC 50/60 Hz 6 kA Icu conforming to EN 60947-2 - 380...415 V AC 50/60 Hz 4500 A Icn conforming to IEC 60898-1 - 400 V AC 50/60 Hz 4500 A Icn conforming to EN 60898-1 - 400 V AC 50/60 Hz 10 kA Icu conforming to IEC 60947-2 - 220...240 V AC 50/60 Hz 10 kA Icu conforming to EN 60947-2 - 220...240 V AC 50/60 Hz
Utilisation category	Category A conforming to IEC 60947-2 Category A conforming to EN 60947-2
Suitability for isolation	Yes conforming to IEC 60947-2 Yes conforming to IEC 60898-1 Yes conforming to EN 60947-2 Yes conforming to EN 60898-1
Standards	EN 60898-1 EN 60947-2 IEC 60898-1 IEC 60947-2

Complementary

Network frequency	50/60 Hz
Magnetic tripping limit	8 x In +/- 20 %
[Ics] rated service breaking capacity	4500 A 100 % x Icu conforming to IEC 60898-1 - 400 V AC 50/60 Hz 4500 A 100 % x Icu conforming to EN 60898-1 - 400 V AC 50/60 Hz 6 kA 100 % x Icu conforming to IEC 60947-2 - 380...415 V AC 50/60 Hz 10 kA 100 % x Icu conforming to IEC 60947-2 - 220...240 V AC 50/60 Hz 6 kA 100 % x Icu conforming to EN 60947-2 - 380...415 V AC 50/60 Hz 10 kA 100 % x Icu conforming to EN 60947-2 - 220...240 V AC 50/60 Hz
Limitation class	3 conforming to IEC 60898-1 3 conforming to EN 60898-1
[Ui] rated insulation voltage	500 V AC 50/60 Hz conforming to IEC 60947-2 500 V AC 50/60 Hz conforming to EN 60947-2
[Uimp] rated impulse withstand voltage	6 kV conforming to IEC 60947-2 6 kV conforming to EN 60947-2
Contact position indicator	Yes
Control type	Toggle

Local signalling	Trip indicator
Mounting mode	Removable comb busbar installed
Mounting support	DIN rail
9 mm pitches	4
Width	36 mm
Colour	White
Connections - terminals	Single terminal, top or bottom flexible wire(s) 1...16 mm ² max Single terminal, top or bottom rigid wire(s) 1...25 mm ² max
Wire stripping length	14 mm top or bottom
Tightening torque	2 N.m top or bottom
Earth-leakage protection	Separate block

Environment

IP degree of protection	IP20 B conforming to EN/IEC 60529
Pollution degree	3 conforming to IEC 60947-2 3 conforming to EN 60947-2
Overvoltage category	II
Tropicalisation	2 conforming to EN/IEC 60068-2-78
Relative humidity	95 %
Operating altitude	0...2000 m
Ambient air temperature for operation	-35...70 °C
Ambient air temperature for storage	-40...85 °C

Offer Sustainability

Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 1001 - Schneider Electric declaration of conformity
REACH	Reference not containing SVHC above the threshold
Product environmental profile	Available
Product end of life instructions	Need no specific recycling operations