



CE
ISO9001



Network type
AC



Pole description
1P

AC MCB 6A 1POLE

TECHNICAL DETAILS



Device application	Distribution
Product or component type	Miniature circuit-breaker
Number of protected poles	1
[In] rated current	6 A
Network type	AC
Trip unit technology	Thermal-magnetic
Curve code	c
Utilisation category	Category A conforming to EN/IEC 60947-2
Suitability for isolation	Yes conforming to EN/IEC 60947-2
Network frequency	50/60 Hz
[Ue] rated operational voltage	220...240 V AC 50/60 Hz ,12...48 V DC , 60 V DC
Magnetic tripping limit	8 x In +/- 20 %
[Ics] rated service breaking capacity	15 kA conforming to EN/IEC 60947-2 - 12...48 V DC 6 kA conforming to EN/IEC 60947-2 - 60 V DC



Breaking capacity	10000 A Icn at 240 V AC 50/60 Hz conforming to EN/IEC 60898-1
	15 kA Icu at 220...240 V AC 50/60 Hz conforming to EN/IEC 60947-2
	15 kA Icu at 12...48 V DC conforming to EN/IEC 60947-2
	6 kA Icu at 60 V DC conforming to EN/IEC 60947-2
Limitation class	3 conforming to EN/IEC 60898-1 , 3 conforming to EN/IEC 60947-2
[Ui] rated insulation voltage	500 V AC 50/60 Hz conforming to EN/IEC 60947-2
[Uimp] rated impulse withstand voltage	6 kV conforming to EN/IEC 60947-2
Contact position indicator	Yes
Control type	Toggle
Local signalling	ON/OFF indication
Mounting mode	Clip-on
Mounting support	35 mm DIN rail
Comb busbar and distribution block compatibility	Top: YES
Colour	White
Mechanical durability	20000 cycles
Electrical durability	20000 cycles
Connections - terminals	Tunnel type terminals (bottom) 16 mm ² flexible
	Tunnel type terminals (bottom) 25 mm ² rigid , Biconnect (top)
Wire stripping length	13 mm for top or bottom connection
Tightening torque	2 N.m
Earth-leakage protection	Separate block

DIMENSION

