Mc MINING GROUPE PICHORI
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LEADER IN INDUSTRIAL TOOLS & EQUIPMENT

Technical sheet



Miniature circuit breaker, Easy9, 2P, 50 A, C curve, 10000 A

Marque: SCHNEIDER ELECTRIC

Ref Product: wire:SCEZ9F56250

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DESCRIPTION	
Miniature circuit breaker, Easy9, 2P, 50 A, C curve, 10000 A	
EZ9F56250	
Main Specifications	
Range	Easy9
Device application	Distribution
Product or component type	Miniature circuit-breaker
Device short name	Easy9 MCB
Poles	2P
Number of protected poles	2
[In] rated current	50 A
network type	AC
Trip unit technology	Thermal-magnetic
Curve code	C
Breaking capacity	10000 A Icn at 220 V AC 50/60 Hz conforming to IEC 60898-1 6000 A Icn at 400 V AC 50/60 Hz conforming to IEC 60898-1
Suitability for isolation	Yes conforming to IEC 60898-1
Complementary Specifications	
Network frequency	50/60 Hz
[Ue] rated operational voltage	220 V AC 50/60 Hz 400 V AC 50/60 Hz
Magnetic tripping limit	5...10 x In
[Ics] rated service breaking capacity	6 kA 100 % x Icn at 230 V AC 50/60 Hz conforming to IEC 60898-1
[Ui] rated insulation voltage	500 V AC 50/60 Hz conforming to IEC 60898-1
[Uimp] rated impulse withstand voltage	4 kV conforming to IEC 60898-1
Contact position indicator	Yes
Control type	Toggle
local signalling	Without
mounting mode	Clip-on
mounting support	DIN rail
9 mm pitches	4
Height	81 mm
Width	36 mm
Depth	66.5 mm
Colour	Grey (RAL 7035)

Mechanical durability	10000 cycles
Electrical durability	4000 cycles
Connections - terminals	Tunnel type terminal (top or bottom) 1…25 mm2 flexible Tunnel type terminal (top or bottom) 1…35 mm2 rigid
Tightening torque	3.5 N.m top or bottom
Earth-leakage protection	Without
Environment	
Standards	IEC 60898-1
Product certifications	CE
IP degree of protection	IP20 conforming to IEC 60529
Pollution degree	2
Tropicalisation	2
Relative humidity	95 % at -5…60 °C
Ambient air temperature for operation	-5…60 °C
Ambient air temperature for storage	-40…85 °C