Technical sheet



Easy9 miniature circuit breaker- 4P - 6 A - C curve - 6000 A - 400 V

Marque: SCHNEIDER ELECTRIC

Ref Product: wire:EZ9F56406

Ref Mcmining: SCEZ9F56406

Description	
Easy9 miniature circuit breaker- 4P - 6 A - C curve - 6000 A - 400 V	
EZ9F56406	
This Easy9 product is a low voltage miniature circuit breaker (MCB). It is a 4P circuit breaker with 4 protected poles and 6A In rated current and C tripping curve. The rated short circuit breaking capacity goes up to 10000A at 220VAC conforming to IEC 60898-1 standard. It is compliant with IEC 60898-1 standard. This product has a protection against short circuit and a protection of cable against overloads. It has a fault tripping indication on the front panel by the position of the handle (O-I engraved). This product is dedicated for residential and small commercial buildings. It has an electrical endurance going up to 4000 cycles and a mechanical endurance going up to 10000 cycles. The Ue operational voltage is 220VAC. The Ui rated insulation voltage is 500VAC. The Uimp rated impulse withstand voltage is 4kV. The operating frequency is 50Hz. It can be mounted on DIN rail for modular installation. Its width is 8 pitches of 9mm. The product colour is light grey (RAL7035). The dimensions are (W) 72mm x (H) 81mm x (D) 66.5mm. According to IEC 60529 standard, the degree of protection is IP20 and IP40 in enclosure. The operating temperature is -5°C to 60°C. The storage temperature is -40°C to 85°C.	

Specifications	
Main	
Range	Easy9
Device application	Distribution
Product or component type	Miniature circuit-breaker
Device short name	Easy9 MCB
Poles	4P
Number of protected poles	4
[In] rated current	6:00 AM
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	
Network frequency	50 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 400 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	8
Height	81 mm
Width	72 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 mm^2 rigid
	Tunnel type terminal (top or bottom) 1…16 mm^2 flexible

Tightening torque	2 N.m top or bottom
Environment	
Standards	**IEC 60898-1**
Product certifications	**CE**
	VDE
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