Technical sheet

Image not found or type unknown	**Residual current circuit breaker (RCCB), Easy9, 4P, 25A, AC type, 300mA** Marque: SCHNEIDER ELECTRIC Ref Product: wire:EZ9R66425 Ref Mcmining: SCEZ9R66425

Description	
Residual current circuit breaker (RCCB), Easy9, 4P, 25A, AC type, 300mA	
EZ9R66425	
This is a Easy9 residual current circuit breaker (RCCB). It is a 4P circuit breaker with In rated current of 25A, AC type protection class and a 300mA earth leakage sensitivity. This product protects against electrical shock by indirect contact and fire hazards. It also has protection against fire hazards due to persistent earth fault current. This product has a positive contact indications with fault tripping indication on the front panel by the position of the handle (0-I engraved). This is dedicated for residential and small commercial buildings market segment. This product is compliant with IEC 61008-1 standard. The (Im/I?m) rated breaking and making short circuit capacity is 500A. The (Inc/I?c) conditional rated short circuit current is 6000A. The electrical endurance is up to 2000 cycles. The mechanical endurance is up to 5000 cycles. The Ue operational voltage is 400VAC. The Ui rated insulation voltage is 440VAC. The Uimp rated impulse withstand voltage is 4kV. The frequency is 50Hz or 60Hz. It is DIN rail mountable. The width in 9mm pitches is 8. The product color is light grey (RAL7035). The dimensions are (W) 72mm x (H) 82mm x (D) 72mm. It has an IP20 degree of protection. It becomes IP40 once in modular enclosure according to IEC/EN 60529 standard. The operating temperature is from -5°C to 60°C. The storage temperature is from -40°C to 85°C.	
Specifications	
Main	
Range of product	Easy9
Product or component type	Residual current circuit breaker (RCCB)
Device short name	Easy9 RCCB
Poles	4P
Neutral position	Left
[In] rated current	25 A

network type	AC
Earth-leakage sensitivity	300 mA
Earth-leakage protection time delay	Instantaneous
Earth-leakage protection class	Type AC
Rated breaking and making capacity	500 A
Rated conditional short-circuit current	Easy9 MCB: 6000 A 25 A
Complementary	
Device location in system	Outgoer
Network frequency	50/60 Hz
[Ue] rated operational voltage	400 V AC 50/60 Hz
Residual current tripping technology	Voltage independent
[Ui] rated insulation voltage	440 V AC
[Uimp] rated impulse withstand voltage	4 kV
Surge current	250 A
Contact position indicator	Yes
Control type	Toggle
Mounting mode	Clip-on
Mounting support	DIN rail
Comb busbar and distribution block compatibility	Top: YES
Connection pitch	18 mm between phases
9 mm pitches	8
Height	82 mm
Width	72 mm
Depth	72 mm
Colour	Grey (RAL 7035)
Mechanical durability	5000 cycles
Electrical durability	AC: 2000 cycles 400 V AC 50/60 Hz

Connections - terminals	Tunnel type terminal (top or bottom) 1…35 mm² rigid
	Tunnel type terminal (top or bottom) 1…25 mm² flexible
Tightening torque	3.5 N.m top or bottom
Environment	
Standards	**IEC 61008-1**
Product certifications	**CE**
IP degree of protection	IP20
Pollution degree	2 conforming to IEC 61008-1
Tropicalisation	2
Relative humidity	95 % at 55 °C
Ambient air temperature for operation	-5…60 °C
Ambient air temperature for storage	-40…85 °C