



## Main

Range	Easy9
Device application	Distribution
Product or component type	Miniature circuit-breaker
Device short name	Easy9 MCB
Poles description	4P
Number of protected poles	4
[In] rated current	40 A
Network type	AC
Trip unit technology	Thermal-magnetic
Curve code	C
Breaking capacity	4500 A Icn at 230 V AC 50/60 Hz conforming to IEC 60898-1 4500 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	50/60 Hz
[Ue] rated operational voltage	400 V AC 50/60 Hz
Magnetic tripping limit	5...10 x In
[Ics] rated service breaking capacity	4.5 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 <sup>2</sup> flexible Tunnel type terminal (top or bottom) 1...35 mm <sup>2</sup> rigid

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Tightening torque	3.5 N.M top or bottom
Earth-leakage protection	Without

## Environment

Standards	IEC 60898-1
Product certifications	GOST-R
IP degree of protection	IP20 conforming to IEC 60529
Pollution degree	2
Tropicalisation	2
Relative humidity	95 % at -25...60 °C
Ambient air temperature for operation	-25...60 °C
Ambient air temperature for storage	-40...85 °C

## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	7.5 Cm
Package 1 Width	7.1 Cm
Package 1 Length	8.5 Cm
Package 1 Weight	478 G
Unit Type of Package 2	BB1
Number of Units in Package 2	3
Package 2 Height	8 Cm
Package 2 Width	8.8 Cm
Package 2 Length	22.8 Cm
Package 2 Weight	1.5 Kg
Unit Type of Package 3	S03
Number of Units in Package 3	36
Package 3 Height	30 Cm
Package 3 Width	30 Cm
Package 3 Length	40 Cm
Package 3 Weight	17.208 Kg

## Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	<a href="#">REACH Declaration</a>
EU RoHS Directive	Compliant with Exemptions
Mercury free	Yes
Sustainable packaging	Yes
China RoHS Regulation	<a href="#">China RoHS Declaration</a>
RoHS exemption information	<a href="#">Yes</a>
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
Circularity Profile	No need of specific recycling operations
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

Product Life Status : **Commercialised**