



Main

Range	Easy9
Product name	EA9AN MCB
Device short name	EA9AN
Product or component type	Miniature circuit-breaker
Device application	Distribution
[In] rated current	50 A at 30 °C conforming to GB 10963.1
Poles description	2P
Curve code	C

Complementary

[Ue] rated operational voltage	230 V AC 50 Hz
Network type	AC
Network frequency	50 Hz
Number of protected poles	2
Trip unit technology	Thermal-magnetic
Magnetic tripping limit	5...10 x In
Threshold tripping voltage	280 V AC +/- 5 %
Breaking capacity	6 kA Icn at 230 V AC 50 Hz conforming to GB 10963.1
[Ics] rated service breaking capacity	6 kA 100 % conforming to GB 10963.1 - 230 V AC 50 Hz
Limitation class	3 conforming to GB 10963.1
Suitability for isolation	Yes
Control type	Toggle
Contact position indicator	Yes
Local signalling	ON/OFF indication
Mechanical durability	20000 cycles
Electrical durability	10000 cycles
Mounting mode	Clip-on
Mounting support	DIN rail
Colour	Toggle: orange (RAL 2003) Body: silver white (Pantone 7541C) Clip: light grey (RAL 7035)
Connections - terminals	Tunnel terminal top or bottom 1...35 mm² rigid Tunnel terminal top or bottom 1...25 mm² flexible
Tightening torque	3.5 N.m top or bottom
9 mm pitches	6
Height	89 mm
Width	53.1 mm - 0.38...0.68 mm

Environment

Standards	GB 10963.1
Product certifications	CCC
Tropicalisation	2
Relative humidity	95 % at 55 °C
Ambient air temperature for operation	-30...70 °C
Ambient air temperature for storage	-40...80 °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	5.5 cm
Package 1 Length	9.0 cm
Package 1 Weight	303.0 g

Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	 REACH Declaration
EU RoHS Directive	Compliant  EU RoHS Declaration
Toxic heavy metal free	Yes
Mercury free	Yes
China RoHS Regulation	 China RoHS Declaration
RoHS exemption information	 Yes
Environmental Disclosure	 Product Environmental Profile
Circularity Profile	No need of specific recycling operations