

# Product data sheet

Specifications



## Miniature circuit breaker, Easy9, 3P, 20 A, C curve, 6000 A

EZ9F35320

### Main

Range	Easy9
Device application	Protection
Product or component type	Miniature circuit-breaker
Poles	3P
Number of protected poles	3
[In] rated current	20 A
Network type	AC
Trip unit technology	Thermal-magnetic
Curve code	C
Breaking capacity	6000 A Icn at 400 V AC 50 Hz conforming to IEC 60898-1 6000 A Icn at 230 V AC 50 Hz conforming to IEC 60898-1
Suitability for isolation	Yes conforming to IEC 60898-1

### Complementary

Network frequency	50 Hz
[Ue] rated operational voltage	400 V AC 50 Hz
Magnetic tripping limit	5...10 x In
[Uimp] rated impulse withstand voltage	4 kV
Contact position indicator	Yes
Control type	Toggle
Local signalling	Without
Mounting mode	Clip-on
Mounting support	DIN rail
9 mm pitches	6
Height	82 mm
Width	54 mm
Depth	74 mm
Mechanical durability	10000 cycles
Electrical durability	4000 cycles

<b>Connections - terminals</b>	Tunnel type terminal (top or bottom) 1...25 mm <sup>2</sup> rigid Tunnel type terminal (top or bottom) 1...16 mm <sup>2</sup> flexible
<b>Tightening torque</b>	2 N.m top or bottom
<b>Earth-leakage protection</b>	Without

## Environment

<b>Standards</b>	IEC 60898-1
<b>IP degree of protection</b>	IP20 IP40 (modular enclosure)
<b>Tropicalisation</b>	2 conforming to IEC 60068-2-30
<b>Relative humidity</b>	95 % at 55 °C
<b>Ambient air temperature for operation</b>	-25...60 °C
<b>Ambient air temperature for storage</b>	-40...85 °C

## Packing Units

<b>Unit Type of Package 1</b>	PCE
<b>Number of Units in Package 1</b>	1
<b>Package 1 Weight</b>	280.0 g
<b>Package 1 Height</b>	5.5 cm
<b>Package 1 width</b>	7.5 cm
<b>Package 1 Length</b>	8.5 cm
<b>Unit Type of Package 2</b>	P12
<b>Number of Units in Package 2</b>	224
<b>Package 2 Weight</b>	81.24 kg
<b>Package 2 Height</b>	45.0 cm
<b>Package 2 width</b>	80.0 cm
<b>Package 2 Length</b>	120.0 cm
<b>Unit Type of Package 3</b>	S03
<b>Number of Units in Package 3</b>	28
<b>Package 3 Weight</b>	8.655 kg
<b>Package 3 Height</b>	30.0 cm
<b>Package 3 width</b>	30.0 cm
<b>Package 3 Length</b>	40.0 cm

## Offer Sustainability

<b>Sustainable offer status</b>	Green Premium product
<b>REACH Regulation</b>	<a href="#">REACH Declaration</a>
<b>EU RoHS Directive</b>	Compliant <a href="#">EU RoHS Declaration</a>
<b>Mercury free</b>	Yes
<b>RoHS exemption information</b>	<a href="#">Yes</a>
<b>China RoHS Regulation</b>	<a href="#">China RoHS declaration</a> Product out of China RoHS scope. Substance declaration for your information
<b>Environmental Disclosure</b>	<a href="#">Product Environmental Profile</a>

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<b>WEEE</b>	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
<b>Halogen content performance</b>	Halogen free product

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