

## Product data sheet

### Characteristics

# A9F44332

## Acti9 iC60N 3P 32A C Miniature Circuit breaker



### Main

Range	Acti9
Product name	Disbo iC60
Product or component type	Miniature circuit-breaker
Device short name	IC60N
Poles description	3P
Number of protected poles	3
[In] rated current	32 A
Network type	AC
Trip unit technology	Thermal-magnetic
Curve code	C
Breaking capacity	6000 A Icn at 415 V AC 50/60 Hz conforming to EN/IEC 60898-1 36 KA Icu at 12...133 V AC 50/60 Hz conforming to EN/IEC 60947-2 20 KA Icu at 220...240 V AC 50/60 Hz conforming to EN/IEC 60947-2 10 KA Icu at 380...415 V AC 50/60 Hz conforming to EN/IEC 60947-2 6 KA Icu at 440 V AC 50/60 Hz conforming to EN/IEC 60947-2 10 kA Icu at <= 180 V DC conforming to EN/IEC 60947-2
Utilisation category	Category A conforming to EN/IEC 60947-2

### Complementary

Network frequency	50/60 Hz
[Ue] rated operational voltage	440 V AC 50/60 Hz
Magnetic tripping limit	8 x In +/- 20 %
[Ics] rated service breaking capacity	27 KA 75 % conforming to EN/IEC 60947-2 - 12...133 V AC 50/60 Hz 15 KA 75 % conforming to EN/IEC 60947-2 - 220...240 V AC 50/60 Hz 7.5 KA 75 % conforming to EN/IEC 60947-2 - 380...415 V AC 50/60 Hz 4.5 KA 75 % conforming to EN/IEC 60947-2 - 440 V AC 50/60 Hz 6000 A 100 % conforming to EN/IEC 60898-1 - 415 V AC 50/60 Hz 15 kA 100 % conforming to EN/IEC 60947-2 - 100...133 V DC
Limitation class	3 conforming to EN/IEC 60947-2
[Ui] rated insulation voltage	500 V AC 50/60 Hz
[Uimp] rated impulse withstand voltage	6 kV conforming to EN/IEC 60947-2
Contact position indicator	Yes
Control type	Toggle
Local signalling	Trip indicator
Mounting mode	Clip-on
Mounting support	Rail
9 mm pitches	6
Height	85 mm
Width	54 mm
Depth	78.5 mm
Net weight	0.375 kg
Colour	White

Mechanical durability	20000 cycles
Electrical durability	10000 cycles
Provision for padlocking	Padlockable
Connections - terminals	Single terminal (top or bottom) 1...35 mm <sup>2</sup> rigid Single terminal (top or bottom) 1...25 mm <sup>2</sup> flexible
Wire stripping length	14 mm for top or bottom connection
Tightening torque	3.5 N.m top or bottom
Earth-leakage protection	Separate block

## Environment

Standards	EN/IEC 60947-2 EN/IEC 60898-1
IP degree of protection	IP20 conforming to IEC 60529
Pollution degree	3 conforming to EN/IEC 60947-2
Tropicalisation	2 conforming to IEC 60068-1
Relative humidity	95 % at 55 °C
Ambient air temperature for operation	-35...70 °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 Weight	360.0 g
Package 1 Height	5.4 cm
Package 1 width	7.3 cm
Package 1 Length	8.9 cm
Unit Type of Package 2	P12
Number of Units in Package 2	352
Package 2 Weight	147.016 kg
Package 2 Height	50.0 cm
Package 2 width	80.0 cm
Package 2 Length	120.0 cm
Unit Type of Package 3	BB1
Number of Units in Package 3	4
Package 3 Weight	1.497 kg
Package 3 Height	8.5 cm
Package 3 width	9.8 cm
Package 3 Length	22.0 cm

## Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	 <a href="#">REACH Declaration</a>
EU RoHS Directive	Compliant  <a href="#">EU RoHS Declaration</a>
Mercury free	Yes
RoHS exemption information	 <a href="#">Yes</a>
China RoHS Regulation	 <a href="#">China RoHS Declaration</a>
Environmental Disclosure	 <a href="#">Product Environmental Profile</a>
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
Halogen content performance	Halogen free product