

## Product data sheet

### Characteristics

# A9F55401

## Miniature Circuit Breaker, Acti9, 4P 1A D



### Main

Range	Acti9
Product name	Disbo iC60
Product or component type	Miniature circuit-breaker
Device short name	iC60H
Poles description	4P
Number of protected poles	4
[In] rated current	1 A
Network type	AC/DC
Trip unit technology	Thermal-magnetic
Curve code	D
Breaking capacity	70 KA Icu at 220...240 V AC 50/60 Hz conforming to EN/IEC 60947-2 70 KA Icu at 12...133 V AC 50/60 Hz conforming to EN/IEC 60947-2 70 KA Icu at 380...415 V AC 50/60 Hz conforming to EN/IEC 60947-2 50 KA Icu at 440 V AC 50/60 Hz conforming to EN/IEC 60947-2 15 KA Icu at <= 250 V DC conforming to EN/IEC 60947-2 10000 A Icn at 415 V AC 50/60 Hz conforming to EN/IEC 60898-1
Utilisation category	Category A conforming to EN/IEC 60947-2

### Complementary

Network frequency	50/60 Hz
Magnetic tripping limit	12 x In +/- 20 %
[Ics] rated service breaking capacity	70 KA 100 % conforming to EN/IEC 60947-2 - 220...240 V AC 50/60 Hz 70 KA 100 % conforming to EN/IEC 60947-2 - 12...133 V AC 50/60 Hz 70 KA 100 % conforming to EN/IEC 60947-2 - 380...415 V AC 50/60 Hz 50 KA 100 % conforming to EN/IEC 60947-2 - 440 V AC 50/60 Hz 7500 A 75 % conforming to EN/IEC 60898-1 - 415 V AC 50/60 Hz 10 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 conforming to EN/IEC 60947-2
[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	8
Height	85 mm
Width	72 mm
Depth	78.5 mm
Product weight	0.5 kg
Colour	White
Mechanical durability	20000 cycles

Electrical durability	10000 cycles
Provision for padlocking	Padlockable
Connections - terminals	Single terminal (top or bottom) 1...25 mm <sup>2</sup> rigid Single terminal (top or bottom) 1...16 mm <sup>2</sup> flexible
Wire stripping length	14 mm for top or bottom connection
Tightening torque	2 N.m top or bottom
Earth-leakage protection	Separate block

## Environment

Standards	EN/IEC 60898-1 EN/IEC 60947-2
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 Height	7.5 cm
Package 1 Width	7.2 cm
Package 1 Length	9 cm
Package 1 Weight	447 g

## Offer Sustainability

EU RoHS Directive	Compliant with Exemptions
Mercury free	Yes
China RoHS Regulation	 <a href="#">China RoHS Declaration</a>
RoHS exemption information	 <a href="#">Yes</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