



### Main

Range of product	NG125
Range	Acti9
Product name	Acti9 NG125
Product or component type	Miniature circuit-breaker
Device short name	NG125L
Device application	Distribution
Poles description	3P
Number of protected poles	3
[In] rated current	16 A at 40 °C
Network type	AC DC
Trip unit technology	Thermal-magnetic
Curve code	C
Breaking capacity	100 KA Icu at 220...240 V AC 50/60 Hz conforming to EN/IEC 60947-2 40 KA Icu at 440 V AC 50/60 Hz conforming to EN/IEC 60947-2 50 KA Icu at 380...415 V AC 50/60 Hz conforming to EN/IEC 60947-2 15 KA Icu at 500 V AC 50/60 Hz conforming to EN/IEC 60947-2 36 kA Icu at <= 375 V DC conforming to EN/IEC 60947-2
Utilisation category	Category A conforming to IEC 60947-2
Suitability for isolation	Yes conforming to IEC 60947-2

### Complementary

Network frequency	50/60 Hz
[Ue] rated operational voltage	<= 375 V DC 380...415 V AC 50/60 Hz 500 V AC 50/60 Hz 220...240 V AC 50/60 Hz 440 V AC 50/60 Hz
Magnetic tripping limit	8 x In +/- 20 %
[Ics] rated service breaking capacity	75 KA 75 % conforming to EN/IEC 60947-2 - 220...240 V AC 50/60 Hz 37.5 KA 75 % conforming to EN/IEC 60947-2 - 380...415 V AC 50/60 Hz 30 KA 75 % conforming to EN/IEC 60947-2 - 440 V AC 50/60 Hz 11.25 KA 75 % conforming to EN/IEC 60947-2 - 500 V AC 50/60 Hz 50 KA 100 % conforming to EN/IEC 60947-2 - 375 V DC
[Ui] rated insulation voltage	690 V AC 50/60 Hz conforming to EN/IEC 60947-2
[Uimp] rated impulse withstand voltage	8 kV conforming to EN/IEC 60947-2
Contact position indicator	Yes
Control type	Toggle Manual tripping test
Local signalling	ON/OFF indication Trip indicator
Mounting mode	Clip-on
Mounting support	35 mm symmetrical DIN rail
Comb busbar and distribution block compatibility	YES
9 mm pitches	9
Height	103 mm

Width	81 mm
Depth	81 mm
Net weight	0.72 kg
Mechanical durability	20000 cycles
Electrical durability	10000 cycles
Provision for padlocking	Padlockable
Connections - terminals	Tunnel type terminals1.5...50 mm <sup>2</sup> rigid Tunnel type terminals1...35 mm <sup>2</sup> flexible
Wire stripping length	20 mm
Tightening torque	3.5 N.m
Earth-leakage protection	Separate block

## Environment

Standards	EN/IEC 60947-2
IP degree of protection	IP20 conforming to IEC 60529
IK degree of protection	IK05 conforming to EN/IEC 62262
Pollution degree	3 conforming to IEC 60947-2
Overvoltage category	IV
Tropicalisation	2 conforming to IEC 60068-1
Relative humidity	95 % at 55 °C
Operating altitude	2000 m
Ambient air temperature for operation	-30...70 °C
Ambient air temperature for storage	-40...70 °C

## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	8.6 cm
Package 1 Width	12.4 cm
Package 1 Length	12.9 cm
Package 1 Weight	756 g
Unit Type of Package 2	S03
Number of Units in Package 2	18
Package 2 Height	30 cm
Package 2 Width	30 cm
Package 2 Length	40 cm
Package 2 Weight	14.102 kg

## Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	<a href="#">REACH Declaration</a>
REACH free of SVHC	Yes
EU RoHS Directive	Compliant <a href="#">EU RoHS Declaration</a>
Toxic heavy metal free	Yes
Mercury free	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	<a href="#">End Of Life Information</a>
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

## Contractual warranty

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Warranty	18 months
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