



### Glavno

Range of product	NG125
Range	Acti 9
Product name	Acti 9 NG125
Product or component type	Miniature circuit-breaker
Device short name	NG125N
Device application	Distribution
Poles description	4P
Number of protected poles	4
[In] rated current	80 A at 40 °C
Network type	AC DC
Trip unit technology	Thermal-magnetic
Curve code	C
Breaking capacity	10 kA Icu conforming to EN/IEC 60947-2 - 500 V AC 50/60 Hz 20 kA Icu conforming to EN/IEC 60947-2 - 440 V AC 50/60 Hz 25 kA Icu conforming to EN/IEC 60947-2 - 380...415 V AC 50/60 Hz 50 kA Icu conforming to EN/IEC 60947-2 - 220...240 V AC 50/60 Hz 20 kA Icu conforming to EN/IEC 60947-2 - <= 500 V DC
Utilisation category	Category A conforming to IEC 60947-2
Suitability for isolation	Yes conforming to IEC 60947-2

### Komplementarno

Network frequency	50/60 Hz
[Ue] rated operational voltage	<= 500 V DC 220...240 V AC 50/60 Hz 380...415 V AC 50/60 Hz 440 V AC 50/60 Hz 500 V AC 50/60 Hz
Magnetic tripping limit	8 x In
[Ics] rated service breaking capacity	37.5 kAAt 75 % of breaking cap. conforming to EN/IEC 60947-2 - 220...240 V AC 50/60 Hz 18.75 kAAt 75 % of breaking cap. conforming to EN/IEC 60947-2 - 380...415 V AC 50/60 Hz 15 kAAt 75 % of breaking cap. conforming to EN/IEC 60947-2 - 440 V AC 50/60 Hz 7.5 kAAt 75 % of breaking cap. conforming to EN/IEC 60947-2 - 500 V AC 50/60 Hz 25 kAAt 100 % of breaking cap. conforming to EN/IEC 60947-2 - 500 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	NO
9 mm pitches	12
Height	103 mm
Width	108 mm

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Depth	81 mm
Product weight	0.96 kg
Mechanical durability	20000 cycles
Electrical durability	5000 cycles
Provision for padlocking	Padlockable
Locking options description	Integrated padlocking
Connections - terminals	Tunnel type terminals 16...70 mm <sup>2</sup> rigid Tunnel type terminals 10...50 mm <sup>2</sup> flexible
Wire stripping length	20 mm
Tightening torque	6 N.m
Earth-leakage protection	Separate block

## Okolina

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 % 55 °C
ambient air temperature for operation	-30...70 °C
ambient air temperature for storage	-40...70 °C

## Contractual warranty

Warranty period	18 months
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