



Main

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	3P
Number of protected poles	3
[In] rated current	80 A 40 °C
Network type	DC AC
Trip unit technology	Thermal-magnetic
Curve code	C
Breaking capacity	20 kA Icu ≤ 375 V DC EN/IEC 60947-2 10 kA Icu 500 V AC 50/60 Hz EN/IEC 60947-2 20 kA Icu 440 V AC 50/60 Hz EN/IEC 60947-2 25 kA Icu 380...415 V AC 50/60 Hz EN/IEC 60947-2 50 kA Icu 220...240 V AC 50/60 Hz EN/IEC 60947-2
Utilisation category	Category A IEC 60947-2
Suitability for isolation	Yes 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
[Ics] rated service breaking capacity	37,5 kA 75 % EN/IEC 60947-2 - 220...240 V AC 50/60 Hz 18,75 kA 75 % EN/IEC 60947-2 - 380...415 V AC 50/60 Hz 15 kA 75 % EN/IEC 60947-2 - 440 V AC 50/60 Hz 7,5 kA 75 % EN/IEC 60947-2 - 500 V AC 50/60 Hz 20 kA 100 % EN/IEC 60947-2 - ≤ 375 V DC
[Ui] rated insulation voltage	690 V AC 50/60 Hz EN/IEC 60947-2

[Uimp] rated impulse withstand voltage	8 kVEN/IEC 60947-2
Contact position indicator	Yes
Control type	Manual tripping test Toggle
Local signalling	Trip indicator ON/OFF indication
Mounting mode	Clip-on
Mounting support	35 mm symmetrical DIN rail
Comb busbar and distribution block compatibility	NO
9 mm pitches	9
Height	103 mm
Width	81 mm
Depth	81 mm
Net weight	0,72 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 mm² rigid Tunnel type terminals 10...50 mm² flexible
Wire stripping length	20 mm
Tightening torque	6 N.m
Earth-leakage protection	Separate block

Environment

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

Offer Sustainability

Status održive ponude	Proizvod Green Premium
Uredba REACh	Izjava REACh
REACh, bez SVHC	Da
Direktiva EU RoHS	Under investigation
Bez otrovnih teških metala	Da
Bez žive	Da
Informacije o RoHS izuzeću	Da
Propis RoHS za Kinu	Izjava RoHS za Kinu Proaktivna izjava RoHS za Kinu (izvan pravnog dosega propisa RoHS za Kinu)
Izjava o očuvanju okoliša	Ekološki profil proizvoda
Profil cirkularnosti	Informacije o kraju vijeka trajanja
WEEE	Proizvod se na tržištima EU mora odlagati u skladu sa specifičnim propisima o prikupljanju otpada; nikako se ne smije odlagati s komunalnim otpadom.

Contractual warranty

Jamstvo	18 months
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