



Main

Range of product	NG125
Range	Acti 9
Product name	Acti 9 NG125
Product or component type	Miniature circuit-breaker
Device short name	NG125H
Device application	Distribution
Poles description	4P
Number of protected poles	4
[In] rated current	25 A at 40 °C
Network type	AC DC
Trip unit technology	Thermal-magnetic
Curve code	C
Breaking capacity	12 kA Icu conforming to EN/IEC 60947-2 - 500 V AC 50/60 Hz 30 kA Icu conforming to EN/IEC 60947-2 - 440 V AC 50/60 Hz 36 kA Icu conforming to EN/IEC 60947-2 - 380...415 V AC 50/60 Hz 70 kA Icu conforming to EN/IEC 60947-2 - 220...240 V AC 50/60 Hz 25 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

Complementary

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	52.5 kA at 75 % of breaking cap. conforming to EN/IEC 60947-2 - 220...240 V AC 50/60 Hz 27 kA at 75 % of breaking cap. conforming to EN/IEC 60947-2 - 380...415 V AC 50/60 Hz 22.5 kA at 75 % of breaking cap. conforming to EN/IEC 60947-2 - 440 V AC 50/60 Hz 9 kA at 75 % of breaking cap. conforming to EN/IEC 60947-2 - 500 V AC 50/60 Hz 36 kA at 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 distribution block compatibility	YES
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	10000 cycles
Provision for padlocking	Padlockable
Locking options description	Integrated padlocking
Connections - terminals	
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 % 55 °C
ambient air temperature for operation	-30...70 °C
ambient air temperature for storage	-40...70 °C