Product datasheet





NG125 - circuit breaker - NG125N - 4P - 25A - C curve

18652

Main

Range Of Product	NG125
Range	Acti9
Product Name	Acti9 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	25 A at 40 °C
Network Type	DC AC
Trip Unit Technology	Thermal-magnetic
Curve Code	С
Breaking Capacity	20 kA Icu at <= 500 V DC conforming to EN/IEC 60947-2 10 kA Icu at 500 V AC 50/60 Hz conforming to EN/IEC 60947-2 20 kA Icu at 440 V AC 50/60 Hz conforming to EN/IEC 60947-2 25 kA Icu at 380415 V AC 50/60 Hz conforming to EN/IEC 60947-2 50 kA Icu at 220240 V AC 50/60 Hz 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	380415 V AC 50/60 Hz 500 V AC 50/60 Hz <= 500 V DC 220240 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 % conforming to EN/IEC 60947-2 - 220240 V AC 50/60 Hz 18.75 kA 75 % conforming to EN/IEC 60947-2 - 380415 V AC 50/60 Hz 15 kA 75 % conforming to EN/IEC 60947-2 - 440 V AC 50/60 Hz 7.5 kA 75 % conforming to EN/IEC 60947-2 - 500 V AC 50/60 Hz 20 kA 100 % 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

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Control Type	Manual tripping test Toggle	
Local Signalling	ON/OFF indication Trip indicator	
Mounting Mode	Clip-on	
Mounting Support	35 mm symmetrical DIN rail	
Mounting Position	Vertical	
Comb Busbar And Distribution Block Compatibility	YES	
9 Mm Pitches	12	
Height	103 mm	
Depth	81 mm	
Width	108 mm	
Net Weight	0.96 kg	
Mechanical Durability	20000 cycles	
Electrical Durability	10000 cycles	
Provision For Padlocking	Padlockable	
Locking Options Description Integrated padlocking		
Connections - Terminals	Tunnel type terminals1.550 mm² rigid Tunnel type terminals135 mm² 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	
Ambient Air Temperature For Operation	-3070 °C	
Ambient Air Temperature For Storage	-4070 °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	12.1 cm
Package 1 Length	15.7 cm
Package 1 Weight	993.0 g
Unit Type Of Package 2	S03

Number Of Units In Package 2	12
Package 2 Height	30.0 cm
Package 2 Width	30.0 cm
Package 2 Length	40.0 cm
Package 2 Weight	12.414 ka

Contractual warranty

Warranty 12 months

Sustainability Screen Premium*

Green PremiumTM **label** is Schneider Electric's commitment to delivering products with best-inclass environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO₂ products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

Learn more about Green Premium >

Guide to assess a product's sustainability >





Transparency RoHS/REACh

Well-being performance

⊘	Reach Free Of Svhc	
9	Toxic Heavy Metal Free	
②	Mercury Free	
⊘	Rohs Exemption Information	Yes

Certifications & Standards

Reach Regulation	REACh Declaration
Eu Rohs Directive	Compliant EU RoHS Declaration
China Rohs Regulation	China RoHS declaration Pro-active China RoHS declaration (out of China RoHS legal scope)
Environmental Disclosure	Product Environmental Profile
Weee	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
Circularity Profile	End of Life Information