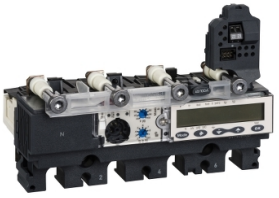
Product datasheet

Specifications

Green Premium™



trip unit MicroLogic 6.2 A for ComPact NSX 100/160/250 circuit breakers, electronic, rating 100A, 4 poles 4d

LV429135

Discontinued

Discontinued on: Mar 31, 2021

End-of-service on: Mar 31, 2022

Main

Range	ComPact
Range Of Product	ComPact NSX100...250
Product Or Component Type	Trip unit
Trip Unit Name	MicroLogic 6.2 A
Trip Unit Technology	Electronic
Range Compatibility	ComPact NSX100 ComPact NSX160 ComPact NSX250
Device Application	Distribution
Number Of Poles	4P
Protected Poles Description	3t + N/2 4t 3t 3t + OSN
Neutral Position	Left
Trip Unit Protection Functions	LSIG
Protection Type	L : for overload protection (long time) S : for short time short-circuit protection I : for instantaneous short-circuit protection G : for ground fault protection
Trip Unit Rated Current	100 A at 40 °C
[Ue] Rated Operational Voltage	690 V AC 50/60 Hz
Network Type	AC
Network Frequency	50/60 Hz

Complementary

Long-Time Pick-Up Adjustment Type Ir (Thermal Protection)	Adjustable 9 settings
[Ir] Long-Time Protection Pick-Up Adjustment Range	40...100 A
Long-Time Protection Delay Adjustment Type Tr	Adjustable
[Tr] Long-Time Protection Delay Adjustment Range	15…400 s at 1.5 x Ir 0.35…11 s at 7.2 x Ir 0.5…16 s at 6 x Ir
Thermal Memory	20 minutes before and after tripping

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Short-Time Protection Pick-Up Adjustment Type Isd	Adjustable 9 settings
[Isd] Short-Time Protection Pick-Up Adjustment Range	1.5...10 x Ir
Short-Time Protection Delay Adjustment Type Tsd	Adjustable
[Tsd] Short-Time Protection Delay Adjustment Range	0…0.4 s I²t=off 0.1…0.4 s I²t=on
Instantaneous Protection Pick-Up Adjustment Type Ii	Adjustable
[Ii] Instantaneous Protection Pick-Up Adjustment Range	1.5...12 x In Compact NSX250 1.5...15 x In Compact NSX100 1.5...15 x In Compact NSX160
Ground-Fault Protection Pick-Up Adjustment Type Ig	Adjustable
[Ig] Ground-Fault Protection Pick-Up Adjustment Range	0.4...1 x In for In = 40 A 0.2...1 x In for In > 40 A Ig enable on/off
Ground-Fault Protection Time Delay Adjustment Type Tg	Adjustable
[Tg] Ground-Fault Protection Time Delay Adjustment Range	0…0.4 s I²t=off 0.1…0.4 s I²t=on
Earth-Leakage Protection	Without
Neutral Protection Settings	0.5 x Ir (3t + N/2) 1 x Ir (4t) 1.6 x Ir (3t + OSN) No protection (3t)
Zone Selective Interlocking Zsi	With
Local Signalling	Flashing LED (green) for ready to operate LED 105 % Ir (red) for overload LED 90 % Ir (orange) for overload
Display Type	LCD display
Type Of Measurement	Ammeter
Communication Of Data	Instantaneous and demand values Power quality Demand current and power Protection and alarm settings Maximeters/minimeters Time-stamped histories and event tables Maintenance indicators Energy metering
Electrical Data Recording	Maintenance indicators

Environment

Standards	UL 508 EN/IEC 60947-2
Product Certifications	CCC Marine EAC
Ambient Air Temperature For Operation	-25…70 °C
Ambient Air Temperature For Storage	-40…85 °C

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	9.5 cm

Package 1 Width	11 cm
Package 1 Length	15 cm
Package 1 Weight	666 g

Contractual warranty

Warranty	18 months

Sustainability

Green Premium™ label is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO_2 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 >

RoHS/REACh

Well-being performance

Mercury Free

Rohs Exemption Information — Yes

Certifications & Standards

Eu Rohs Directive	Compliant EU RoHS Declaration
China Rohs Regulation	China RoHS declaration Product out of China RoHS scope. Substance declaration for your information
Weee	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins