

Product data sheet

Specifications



trip unit MicroLogic 6.2 E for
ComPact NSX 100/160/250 circuit
breakers, electronic, rating 100A, 3
poles 3d

LV429115

! Discontinued

! Discontinued on: Dec 25, 2023

Important message: This product has been switched to new
ComPacT range and is no longer commercialized.

Main

Range	ComPact
Range Of Product	ComPact NSX100...250
Product Or Component Type	Trip unit
Trip Unit Name	MicroLogic 6.2 E
Trip Unit Technology	Electronic
Range Compatibility	ComPact NSX100 ComPact NSX160 ComPact NSX250
Device Application	Distribution
Number Of Poles	3P
Protected Poles Description	3t
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
Short-Time Protection Pick-Up Adjustment Type Isd	Adjustable 9 settings
[Isd] Short-Time Protection Pick- Up Adjustment Range	1.5...10 x Ir

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 Delay Adjustment Type Tsd	Adjustable
[Tsd] Short-Time Protection Delay Adjustment Range	0...0.4 s I ² t=off 0.1...0.4 s I ² t=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 I ² t=off 0.1...0.4 s I ² t=on
Earth-Leakage Protection	Without
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	Energy meter
Communication Of Data	Time-stamped histories and event tables Power quality Demand current and power Protection and alarm settings Maximeters/minimeters Maintenance indicators Instantaneous and demand values Energy metering
Electrical Data Recording	Maintenance indicators

Environment

Standards	UL 508 EN/IEC 60947-2
Product Certifications	EAC Marine CCC
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	11.0 cm
Package 1 Length	15.2 cm
Package 1 Weight	572.0 g
Unit Type Of Package 2	S03
Number Of Units In Package 2	11

Package 2 Height	30.0 cm
Package 2 Width	30.0 cm
Package 2 Length	40.0 cm
Package 2 Weight	6.746 kg

Contractual warranty

Warranty	18 months
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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-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 >](#)

Well-being performance

 Mercury Free	
 Rohs Exemption Information	Yes
Reach Regulation	REACH Declaration
Eu Rohs Directive	Compliant with Exemptions
China Rohs Regulation	China RoHS declaration Product out of China RoHS scope. Substance declaration for your information
California Proposition 65	WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov