Product datasheet

Specification





trip unit MicroLogic 5.2 E for ComPacT NSX 100/160/250 circuit breakers. electronic. rating 100A. 3 poles 3d

C1035E100

Main

Range	ComPacT new generation
Range Of Produc	ComPacT NSX100250 new generation
Product Or Component Type	Trip unit
Trip Unit Name	MicroLogic 5.2 E
Trip Unit Technology	Electronic
Range Compatibility	ComPacT new generation NSX100 ComPacT new generation NSX160 ComPacT new generation NSX250
Device Application	Distribution
Poles Description	3P
Protected Poles Description	3D
Trip Unit Protection Functions	LSI
Protection Type	L : for overload protection (long time) S : for short time short-circuit protection I : for instantaneous short-circuit protection
Trip Unit Rating	100 A at 40 °C
[Ue] Rated Operational Voltage	690 V AC 50/60 Hz
Network Type	AC
Network Frequency	50/60 Hz
Circuit Breaker Mounting Mode	Fixed

Complementary

Long-Time Pick-Up Adjustment Type Ir (Thermal Protection)	Adjustable 9 settings
[Ir] Long-Time Protection Pick-Up Adjustment Range	40100 A
Long-Time Protection Delay Adjustment Type Tr	Adjustable
[Tr] Long-Time Protection Delay Adjustment Range	15400 s at 1.5 x lr 0.3511 s at 7.2 x lr 0.516 s at 6 x lr
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	1.510 x lr
Short-Time Protection Delay Adjustment Type Tsd	Adjustable

Excluding VAT and subject to change. Please check with your local distributor through "Where to buy"

[Tsd] Short-Time Protection Delay Adjustment Range	00.4 s l²t=off 0.10.4 s l²t=on
Instantaneous Protection Pick-Up Adjustment Type Ii	Adjustable
[li] Instantaneous Protection Pick- Up Adjustment Range	1.515 x ln
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	Energy metering Protection and alarm settings Time-stamped histories and event tables Instantaneous and demand values Maintenance indicators Demand current and power Power quality Maximeters/minimeters
Electrical Data Recording	Maintenance indicators

Environment

Standards	EN/IEC 60947-2
Electrical Shock Protection Class	Class II
Pollution Degree	3 conforming to IEC 60947-1
Ip Degree Of Protection	IP40 conforming to IEC 60529
Ambient Air Temperature For Operation	-2570 °C
Ambient Air Temperature For Storage	-4085 °C

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	10.000 cm
Package 1 Width	11.000 cm
Package 1 Length	15.000 cm
Package 1 Weight	558.000 g
Unit Type Of Package 2	S03
Number Of Units In Package 2	11
Package 2 Height	30.000 cm
Package 2 Width	30.000 cm
Package 2 Length	40.000 cm
Package 2 Weight	6.655 kg
Unit Type Of Package 3	P06
Number Of Units In Package 3	88
Package 3 Height	74.000 cm

Package 3 Width	60.000 cm
Package 3 Length	80.000 cm
Package 3 Weight	87.020 kg

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



Mercury Free



Rohs Exemption Information

Yes

Certifications & Standards

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
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End of Life Information