# **Product datasheet**

Specifications





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

C1635E160

#### 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 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	160 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	63160 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
Thermal Memory  Short-Time Protection Pick-Up Adjustment Type Isd	20 minutes before and after tripping  Adjustable 9 settings
Short-Time Protection Pick-Up	····
Short-Time Protection Pick-Up Adjustment Type Isd [Isd] Short-Time Protection Pick-	Adjustable 9 settings

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

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	9.5 cm
Package 1 Width	11.0 cm
Package 1 Length	15.2 cm
Package 1 Weight	554.0 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	6.55 kg



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Transparency RoHS/REACh

### Well-being performance



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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