C1035E040

Trip unit MicroLogic 5.2E, ComPacT NSX100/160/250, 3 poles, electronic basic protections, energy meter, 40A rating





Main

Range ComPacT new generation Range of product ComPacT NSX100250 new generation Product or component type Trip unit name MicroLogic 5.2 E Trip unit technology Electronic Range compatibility ComPacT new generation NSX100		
Product or component type Trip unit name MicroLogic 5.2 E Trip unit technology Electronic Range compatibility ComPacT new generation NSX100	Range	ComPacT new generation
Trip unit name MicroLogic 5.2 E Trip unit technology Electronic Range compatibility ComPacT new generation NSX100	Range of product	ComPacT NSX100250 new generation
Trip unit technology Electronic Range compatibility ComPacT new generation NSX100 ComPacT new generation NSX160 ComPacT new generation NSX250 Device application Distribution Poles description Protected poles description Trip unit protection functions Protection type L: for overload protection (long time) S: for short time short-circuit protection I: for instantaneous short-circuit protection Trip unit rating 40 A at 40 °C [Ue] rated operational voltage Network type AC Network frequency 50/60 Hz Circuit breaker Fixed	•	Trip unit
Range compatibility ComPacT new generation NSX100 ComPacT new generation NSX160 ComPacT new generation NSX250 Device application Distribution Poles description 3P Protected poles description Trip unit protection functions Protection type L: for overload protection (long time) S: for short time short-circuit protection I: for instantaneous short-circuit protection Trip unit rating 40 A at 40 °C [Ue] rated operational voltage Network type AC Network frequency 50/60 Hz Circuit breaker Fixed	Trip unit name	MicroLogic 5.2 E
ComPacT new generation NSX160 ComPacT new generation NSX250 Device application Distribution Poles description 3P Protected poles description Trip unit protection functions Protection type L: for overload protection (long time) S: for short time short-circuit protection I: for instantaneous short-circuit protection Trip unit rating 40 A at 40 °C [Ue] rated operational voltage Network type AC Network frequency 50/60 Hz Circuit breaker Fixed	Trip unit technology	Electronic
Poles description 3P Protected poles description Trip unit protection functions Protection type L: for overload protection (long time) S: for short time short-circuit protection I: for instantaneous short-circuit protection Trip unit rating 40 A at 40 °C [Ue] rated operational voltage Network type AC Network frequency 50/60 Hz Circuit breaker Fixed	Range compatibility	ComPacT new generation NSX160
Protected poles description Trip unit protection functions Protection type L: for overload protection (long time) S: for short time short-circuit protection I: for instantaneous short-circuit protection Trip unit rating 40 A at 40 °C [Ue] rated operational voltage Network type AC Network frequency 50/60 Hz Circuit breaker Fixed	Device application	Distribution
description Trip unit protection functions Protection type L: for overload protection (long time) S: for short time short-circuit protection I: for instantaneous short-circuit protection Trip unit rating 40 A at 40 °C [Ue] rated operational voltage Network type AC Network frequency 50/60 Hz Circuit breaker Fixed	Poles description	3P
functions Protection type L: for overload protection (long time) S: for short time short-circuit protection I: for instantaneous short-circuit protection Trip unit rating 40 A at 40 °C [Ue] rated operational voltage Network type AC Network frequency 50/60 Hz Circuit breaker Fixed		3D
S: for short time short-circuit protection I: for instantaneous short-circuit protection Trip unit rating 40 A at 40 °C [Ue] rated operational voltage Network type AC Network frequency 50/60 Hz Circuit breaker S: for short time short-circuit protection 40 A at 40 °C 690 V AC 50/60 Hz		LSI
[Ue] rated operational voltage Network type AC Network frequency 50/60 Hz Circuit breaker Fixed	Protection type	S : for short time short-circuit protection
voltage Network type AC Network frequency 50/60 Hz Circuit breaker Fixed	Trip unit rating	40 A at 40 °C
Network frequency 50/60 Hz Circuit breaker Fixed		690 V AC 50/60 Hz
Circuit breaker Fixed	Network type	AC
	Network frequency	50/60 Hz
		Fixed

Complementary

Long-time pick-up adjustment type Ir (thermal protection)	Adjustable 9 settings
[Ir] long-time protection pick-up adjustment range	1840 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
[tsd] Short-time protection delay adjustment range	00.4 S I ² t=off 0.10.4 s I ² t=on
Instantaneous protection pick-up adjustment type li	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

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. This documentation is not inherent or and is not to be used for determining suitability or inhability of these products for specific user applications. It is the dourn aren in integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

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	15.0 cm
Package 1 Weight	564.0 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	6.646 kg

Offer Sustainability

Sustainable offer status	Green Premium product	
REACh Regulation	[™] REACh Declaration	
EU RoHS Directive	Compliant with Exemptions	
Mercury free	Yes	
China RoHS Regulation	China RoHS Declaration	
RoHS exemption information	₫Yes	
Environmental Disclosure	Product Environmental Profile	
Circularity Profile	End Of Life Information	