# Product data sheet Characteristics

## C1035E100

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



#### Main

Range	ComPacT new generation	
Range of product	ComPacT NSX100250 new generation	
Product or component type	Control 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	3t	
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	
[In] 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	
Mounting mode	Fixed	

#### Complementary

Complementary		
Long time pick-up adjustment type Ir	Adjustable 9 settings	
Long time pick-up adjustment range	40100 A	
Long time delay adjustment type	Adjustable	
[tr] long-time 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 pick-up adjustment type Isd	Adjustable 9 settings	
[Isd] short-time pick-up adjustment range	1.510 x lr	
Short-time delay adjustment type	Adjustable	
[tsd] short-time delay adjustment range	00.4 S I²t=off 0.10.4 S I²t=on	
Instantaneous pick-up adjustment type li	Adjustable	
Instantaneous pick-up adjustment range	1.515 x ln	
Earth-leakage protection	Without	
Zone selective interlocking ZSI	With	

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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	Maximeters/Minimeters Instantaneous and demand values Protection and alarm settings Power quality Maintenance indicators Time-stamped histories and event tables Demand current and power Energy metering	
Electrical data recording	Maintenance indicators	

#### Environment

Standards	EN/IEC 60947-2 UL 508	
Product certifications	Marine CCC EAC	
Pollution degree	3 conforming to IEC 60947-1	
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 Weight	563.0 G
Package 1 Height	10.0 Cm
Package 1 width	11.0 Cm
Package 1 Length	15.0 Cm
Unit Type of Package 2	S03
Number of Units in Package 2	11
Package 2 Weight	6.63 Kg
Package 2 Height	30.0 Cm
Package 2 width	30.0 Cm
Package 2 Length	40.0 Cm
Unit Type of Package 3	P06
Number of Units in Package 3	88
Package 3 Weight	87.02 Kg
Package 3 Height	74.0 Cm
Package 3 width	60.0 Cm
Package 3 Length	80.0 Cm

## Offer Sustainability

REACh Regulation	REACh Declaration	
EU RoHS Directive	Compliant E EU RoHS Declaration	
Mercury free	Yes	
RoHS exemption information	₫Yes	
China RoHS Regulation	Regulation	

### Contractual warranty

Warranty	18 ו	nonths

Product Life Status :	Commercialised	
Product Life Status.	Commercialised	

