# Product data sheet Characteristics

## LV430491

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





#### Main

Man		
Range	ComPact	
Range of product	ComPact NSX100250	
Product or component type	Trip unit	
Trip unit name	Micrologic 5.2 E	
Trip unit technology	Electronic	
Range compatibility	ComPact NSX160 ComPact 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	160 A at 40 °C	
[Ue] rated operational voltage	690 V AC 50/60 Hz	
Network type	AC	
Network frequency	50/60 Hz	

#### Complementary

Complementary		
Long time pick-up adjustment type Ir	Adjustable 9 settings	
Long time pick-up adjustment range	63160 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 l²t=off 0.10.4 S l²t=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	

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 interneted as a substitute for and is not to be used for determining suitability or reliability of these products with expect to the relevant specific application it is the douty of any sub user or 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 substitiaries shall be responsible or liable for misuse of the information contained herein.

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

#### Environment

Standards	EN/IEC 60947-2 UL 508
Product certifications	EAC Marine CCC
Ambient air temperature for operation	-2570 °C
Ambient air temperature for storage	-4085 °C

### Packing Units

r doking office	
Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Weight	560 G
Package 1 Height	9.6 Cm
Package 1 width	11 Cm
Package 1 Length	15 Cm
Unit Type of Package 2	S03
Number of Units in Package 2	11
Package 2 Weight	6.628 Kg
Package 2 Height	30 Cm
Package 2 width	30 Cm
Package 2 Length	40 Cm

#### Offer Sustainability

Sustainable offer status	Green Premium product	
EU RoHS Directive	Compliant EEU RoHS Declaration	
Mercury free	Yes	
RoHS exemption information	₫Yes	
China RoHS Regulation	<sup>™</sup> China RoHS Declaration	
Environmental Disclosure	Product Environmental Profile	
Circularity Profile	☑ End Of Life Information	
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins	

## Contractual warranty

Warranty	18 months
----------	-----------

Product Life Status:	Commercialised	

