Product data sheet
Characteristics

LV430490
trip unit MicroLogic 5.2 A for ComPact NSX 160/250 circuit breakers, electronic, rating 160A, 3 poles 3d

Green Premium™ Product

Main

Range	ComPact
Range of product	ComPact NSX100...250
Product or component type	Trip unit
Trip unit name	Micrologic 5.2 A
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

Long time pick-up adjustment type Ir	Adjustable 9 settings
Long time pick-up adjustment range	63...160 A
Long time delay adjustment type	Adjustable
[tr] long-time delay adjustment range	15…400 S at 1.5 x Ir 0.35…11 S at 7.2 x Ir 0.5…16 S at 6 x Ir
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	1.5...10 x Ir
Short-time delay adjustment type	Adjustable
[tsd] short-time delay adjustment range	0…0.4 S I²t=off 0.1…0.4 S I²t=on
Instantaneous pick-up adjustment type Ii	Adjustable
Instantaneous pick-up adjustment range	1.5...15 x In
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	Ammeter
Communication of data	Maintenance indicators
	Protection and alarm settings
	Demand current and power
	Energy metering
	Maximeters/Minimeters
	Time-stamped histories and event tables
	Instantaneous and demand values
	Power quality
Electrical data recording	Maintenance indicators

Environment

Standards	UL 508
	EN/IEC 60947-2
Product certifications	EAC
	Marine
	CCC
Ambient air temperature for operation	-25…70 °C
Ambient air temperature for storage	-40…85 °C

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Weight	532 G
Package 1 Height	9.7 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	6.339 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 ⬚EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	⬚Yes
China RoHS Regulation	⬚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

Schneider Electric