Product data sheet
Characteristics

LV430520
trip unit MicroLogic 2.2 M for ComPact NSX 160/250 circuit breakers, electronic, rating 150 A, 3 poles 3d

Main

Range	ComPact
Range of Product	ComPact NSX100...250
Product or Component Type	Trip unit
Trip unit name	MicroLogic 2.2 M
Trip unit technology	Electronic
Range Compatibility	ComPact NSX160 ComPact NSX250
Device Application	Motor
Number of poles	3P
Protected poles description	3t
Trip unit protection functions	LSoI
Protection type	L : for overload protection (long time) So : for short time short-circuit protection with fixed delay I : for instantaneous short-circuit protection
Trip unit rated current	150 A 149 °F (65 °C)
[Ue] rated operational voltage	690 V AC 50/60 Hz
Network type	AC
Network Frequency	50/60 Hz

Complementary

Motor tripping class	10 5 20
Complementary motor protection	Phase unbalance
Long-time pick-up adjustment type Ir (thermal protection)	Adjustable 9 settings
[Ir] long-time protection pick-up adjustment range	70...150 A
Long-time protection delay adjustment type tr	Fixed
[tr] long-time protection delay adjustment range	120 S 1.5 x Ir 5 6.5 S 6 x Ir 5 5 S 7.2 x Ir 5 240 S 1.5 x Ir 10 13.5 S 6 x Ir 10 10 S 7.2 x Ir 10 480 S 1.5 x Ir 20 26 S 6 x Ir 20 20 s 7.2 x Ir 20
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	5...13 x Ir
Short-time protection delay adjustment type tsd	Fixed
[tsd] Short-time protection delay adjustment range	0.01 s
Instantaneous protection pick-up adjustment type Ii	Fixed
[Ii] instantaneous protection pick-up adjustment range	2250 A
Earth-leakage protection	Without

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 intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications.
It is the duty of any such 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.
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Zone selective interlocking ZSI	Without
Local signalling	For ready to operate flashing LED (green) For temperature over set point LED 95 % Ith (red)

Environment

Standards	EN/IEC 60947-2 UL 508
Product Certifications	EAC CCC Marine
Ambient Air Temperature for Operation	-13…158 °F (-25…70 °C)
Ambient Air Temperature for Storage	-58…185 °F (-50…85 °C)

Ordering and shipping details

Category	01101-NF..E COMPACT NS IEC CIRCUIT BREAKERS, SWITCHES & MCP'S
Discount Schedule	DE2
GTIN	3606480017438
Returnability	No
Country of origin	FR

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	2.52 in (6.4 cm)
Package 1 Width	3.82 in (9.7 cm)
Package 1 Length	4.37 in (11.1 cm)
Package 1 Weight	15.52 oz (440.0 g)
Unit Type of Package 2	S03
Number of Units in Package 2	28
Package 2 Height	11.81 in (30.0 cm)
Package 2 Width	11.81 in (30.0 cm)
Package 2 Length	15.75 in (40.0 cm)
Package 2 Weight	28.00 lb(US) (12.7 kg)

Offer Sustainability

Sustainable offer status	Green Premium product
California proposition 65	WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov
EU RoHS Directive	Compliant EU RoHS Declaration
Mercury free	Yes
China RoHS Regulation	China RoHS Declaration
RoHS exemption information	Yes
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