Product data sheet
Characteristics

LV430430
trip unit TM160D for ComPact NSX 160 circuit breakers, thermal magnetic, rating 160 A, 3 poles 3d



Main

Range	ComPact
Range of product	ComPact NSX100...250
Product or component type	Trip unit
Trip unit name	TM-D
Trip unit technology	Thermal-magnetic
Range compatibility	ComPact NSX160
Device application	Distribution
Number of poles	3P
Protected poles description	3t
Trip unit protection functions	LI
Protection type	L : for overload protection (thermal) I : for short-circuit protection (magnetic)
Trip unit 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 (thermal protection)	Adjustable
[Ir] long-time protection pick-up adjustment range	0.7...1 x In
Long-time protection delay adjustment type tr	Fixed
[tr] long-time protection delay adjustment range	120…400 S at 1.5 x In 15 s at 6 x Ir
Short-time protection pick-up adjustment type Isd	Fixed
[Isd] Short-time protection pick-up adjustment range	1250 A
Short-time protection delay adjustment type tsd	Fixed
Earth-leakage protection	Without

Environment

Standards	EN/IEC 60947-2 UL 508
Product certifications	EAC Marine CCC
Ambient air temperature for operation	-25…70 °C
Ambient air temperature for storage	-50…85 °C

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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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Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Weight	387 g
Package 1 Height	6.7 cm
Package 1 width	9.5 cm
Package 1 Length	11 cm
Unit Type of Package 2	S03
Number of Units in Package 2	28
Package 2 Weight	11.306 kg
Package 2 Height	30 cm
Package 2 width	30 cm
Package 2 Length	40 cm
Unit Type of Package 3	P12
Number of Units in Package 3	224
Package 3 Weight	102.808 kg
Package 3 Height	50 cm
Package 3 width	80 cm
Package 3 Length	120 cm

Offer Sustainability

Sustainable offer status	Green Premium product
REACh Regulation	REACh Declaration
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