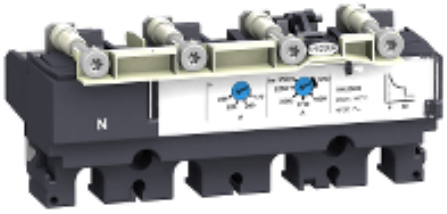
Product data sheet
Characteristics

LV430450
trip unit TM160D for ComPact NSX 160 circuit breakers, thermal magnetic, rating 160 A, 4 poles 4d

Important message: This product has been switched to new ComPacT range and is no longer commercialized.



Commercial status
End of Commercialisation : OCT 26, 2023

⚠ End of Commercialisation

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
Poles description	4P
Protected poles description	4t
Neutral position	Left
Trip unit protection functions	LI
Protection type	L : for overload protection (thermal) I : for short-circuit protection (magnetic)
[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
Long time pick-up adjustment range	0.7...1 x In
Long time delay adjustment type	Fixed
[tr] long-time delay adjustment range	120…400 S at 1.5 x In 15 S at 6 x Ir
Short-time pick-up adjustment type Isd	Fixed
[Isd] short-time pick-up adjustment range	1250 A
Short-time delay adjustment type	Fixed
Earth-leakage protection	Without
Neutral protection setting	1 x Ir (4t)

Environment

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

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	6.5 Cm
Package 1 Width	9.6 Cm
Package 1 Length	15.0 Cm
Package 1 Weight	506.0 G
Unit Type of Package 2	S03
Number of Units in Package 2	23
Package 2 Height	30.0 Cm
Package 2 Width	30.0 Cm
Package 2 Length	40.0 Cm
Package 2 Weight	12.125 Kg

Offer Sustainability

Total lifecycle Carbon footprint	91 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	2.2413104762
Carbon footprint of the manufacturing phase [A1 to A3]	2 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	0.1091873905
Carbon footprint of the distribution phase [A4]	0.1 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0.0529203619
Carbon footprint of the installation phase [A5]	0.1 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	88.9442759111
Carbon footprint of the use phase [B2, B3, B4, B6]	89 kg CO2 eq.
Mercury free	Yes
Sustainable packaging	No
Carbon footprint of the end-of-life phase [C1 to C4]	0.0749892381
Carbon footprint of the end-of-life phase [C1 to C4]	0.1 kg CO2 eq.
Environmental Disclosure	Product Environmental Profile
Total lifecycle Carbon footprint	91
SCIP Number	138b6bc4-fa61-4beb-85a0-fb0be50437de
EU RoHS Directive	Compliant By Exemption
End of life manual availability	End Of Life Information
WEEE Label	The product must be disposed on European Union markets following specific waste collection and

Contractual warranty

Warranty (in months)	18

Product Life Status : End of commerc. - Block

LV430450 may be replaced by any of the following products:



C164TM160

Trip unit TM160D, ComPacT NSX160, 4 poles 4D (neutral fully protected), thermal magnetic protections, 160A rating

Qty 1

Substitution date: |