Product data sheet
Characteristics

LV438126
Circuit breaker, ComPact NSX125 DC PV, 125A, 1000 V, TM-D trip unit, 4 poles

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
Product name	ComPact NSX DC
Range of product	ComPact NSX100...250 DC PV
Device short name	NSX125 DC PV
Product or component type	Circuit breaker
Device application	Distribution
Poles description	4P
Protected poles description	4t
Neutral position	Left
[In] rated current	125 A at 40 °C
[Ue] rated operational voltage	1000 V DC
Network type	DC
Suitability for isolation	Yes conforming to EN/IEC 60947-2
Utilisation category	Category A
Breaking capacity	10 KA Icu at 1000 V DC conforming to IEC 60947-2
Trip unit name	TM-D
Trip unit technology	Thermal-magnetic
Trip unit protection functions	LI
Control type	Toggle
Mounting mode	Fixed

Complementary

[Ui] rated insulation voltage	1000 V DC conforming to IEC 60947-2
[Uimp] rated impulse withstand voltage	8 KV conforming to IEC 60947-2
Mechanical durability	10000 Cycles
Electrical durability	1500 Cycles at 1000 V In
Mounting support	Backplate
Upside connection	Front
Downside connection	Front
Connection pitch	35 Mm
Protection type	L : for overload protection (thermal) I : for short-circuit protection (magnetic)
Trip unit rating	125 A at 40 °C

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
[tsd] short-time delay adjustment range	0…1250 S
Earth-leakage protection	Without
Width	140 Mm
Height	161 Mm
Depth	186 Mm
Net weight	2.4 Kg

Environment

Standards	EN/IEC 60947
Product certifications	CCC[RETURN]EAC[RETURN]Marine
Overvoltage category	Class II
Electrical shock protection class	Class II
Pollution degree	3 conforming to IEC 60664-1
IP degree of protection	IP40 conforming to IEC 60529
IK degree of protection	IK07 conforming to IEC 62262
Ambient air temperature for operation	-25…70 °C
Ambient air temperature for storage	-50…85 °C
Relative humidity	0…95 %
Operating altitude	0...2000 m without derating 2000 m...5000 m with derating

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	13.7 Cm
Package 1 Width	14.5 Cm
Package 1 Length	19.0 Cm
Package 1 Weight	2.611 Kg
Unit Type of Package 2	S04
Number of Units in Package 2	9
Package 2 Height	30.0 Cm
Package 2 Width	40.0 Cm
Package 2 Length	60.0 Cm
Package 2 Weight	24.265 Kg

Offer Sustainability

Mercury free	Yes
Sustainable packaging	No
Environmental Disclosure	Product Environmental Profile
EU RoHS Directive	Compliant
California proposition 65	WARNING: This product can expose you to chemicals including: DINP, which is known to the Stat
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

LV438126 may be replaced by any of the following products:



C16F4TM125D1

Circuit breaker, ComPacT NSX125 DC PV, 10kA/1000VDC, 4 poles, TM-DC PV trip unit 125A

Qty 1

Substitution date: |