Product data sheet
Characteristics

LV426372
circuit breaker ComPact NSXm F (36 kA at 415 VAC), 4P 4d, 32 A rating TMD trip unit, compression lugs and busbar connectors

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



⚠ End of Commercialisation

Commercial status
End of Commercialisation : OCT 26, 2023

Main

Range	ComPact
Product name	ComPact NSXm
Range of product	ComPact NSXm
Device short name	NSXm 32F
Product or component type	Circuit breaker
Device application	Distribution Protection
Poles description	4P
Protected poles description	4D
Neutral position	Left
[In] rated current	32 A at 40 °C
[Ue] rated operational voltage	690 V AC 50/60 Hz
Network type	AC
Network frequency	50/60 Hz
Suitability for isolation	Yes conforming to EN/IEC 60947-2
Utilisation category	Category A
Breaking capacity	85 KA Icu at 220...240 V AC 50/60 Hz conforming to IEC 60947-2 36 KA Icu at 380...415 V AC 50/60 Hz conforming to IEC 60947-2 35 KA Icu at 440 V AC 50/60 Hz conforming to IEC 60947-2 15 KA Icu at 500 V AC 50/60 Hz conforming to IEC 60947-2 10 KA Icu at 525 V AC 50/60 Hz conforming to IEC 60947-2
Breaking capacity code	F 36 kA 415 V AC
Trip unit name	TM-D
Trip unit technology	Thermal-magnetic
Trip unit protection functions	LI
Control type	Toggle
Mounting mode	By screws Clip-on

Complementary

[Ui] rated insulation voltage	800 V AC 50/60 Hz
[Uimp] rated impulse withstand voltage	8 KV
[Ics] rated service breaking capacity	10 KA at 500 V AC 50/60 Hz conforming to IEC 60947-2 85 KA at 220...240 V AC 50/60 Hz conforming to IEC 60947-2 36 KA at 380...415 V AC 50/60 Hz conforming to IEC 60947-2 30 KA at 440 V AC 50/60 Hz conforming to IEC 60947-2 10 KA at 525 V AC 50/60 Hz conforming to IEC 60947-2
Mechanical durability	20000 Cycles
Electrical durability	10000 Cycles at 440 V In 20000 Cycles at 440 V In/2 5000 Cycles at 690 V In 10000 Cycles at 690 V In/2
Mounting support	Plate DIN rail
Connections - terminals	Compression lug/busbar
Connection pitch	35 Mm with spreaders 27 Mm without spreaders
9 mm pitches	12 module
Protection type	L : for overload protection (thermal) I : for short-circuit protection (magnetic)
Trip unit rating	32 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
Magnetic tripping current	600 A
Earth-leakage protection	Without
Number of slots	1 slot(s) for auxiliary switch OF 1 slot(s) for alarm switch SD 1 slot(s) for voltage release MN or MX
Width	108 Mm
Height	137 Mm
Depth	80 Mm
Net weight	1.42 Kg
Colour	Grey (RAL 7016)

Environment

Standards	EN/IEC 60947
Product certifications	CCC[RETURN]EAC[RETURN]Marine
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...5000 m with derating

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	12.4 Cm
Package 1 Width	11.8 Cm
Package 1 Length	21.1 Cm
Package 1 Weight	1.413 Kg
Unit Type of Package 2	S03
Number of Units in Package 2	6
Package 2 Height	30 Cm

Package 2 Width	30 Cm
Package 2 Length	40 Cm
Package 2 Weight	10.19 Kg
Unit Type of Package 3	P12
Number of Units in Package 3	48
Package 3 Height	50 Cm
Package 3 Width	80 Cm
Package 3 Length	120 Cm
Package 3 Weight	93.52 Kg

Offer Sustainability

Total lifecycle Carbon footprint	129 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	10.5485082873
Carbon footprint of the manufacturing phase [A1 to A3]	11 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	0.2064340963
Carbon footprint of the distribution phase [A4]	0.2 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0.0125628414
Carbon footprint of the installation phase [A5]	0 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	117.861810219
Carbon footprint of the use phase [B2, B3, B4, B6]	118 kg CO2 eq.
Mercury free	Yes
Sustainable packaging	No
Carbon footprint of the end-of-life phase [C1 to C4]	0.2319936859
Carbon footprint of the end-of-life phase [C1 to C4]	0.2 kg CO2 eq.
Environmental Disclosure	Product Environmental Profile
Total lifecycle Carbon footprint	129
SCIP Number	266401fd-2db7-458f-b0c1-34d573cc83b3
EU RoHS Directive	Compliant By Exemption
California proposition 65	WARNING: This product can expose you to chemicals including: DINP, which is known to the S
End of life manual availability	No need of specific recycling operations
WEEE Label	The product must be disposed on European Union markets following specific waste collection a

Contractual warranty

Warranty (in months)	18

Product Life Status : End of commerc. - Block

LV426372 may be replaced by any of the following products:



C11F4TM032B

Circuit breaker, ComPacT NSXm 63F, 36kA/415VAC, 4 poles 4D (neutral fully protected), TMD trip unit 32A, lugs/bus

Qty 1

Substitution date: |