



circuit breaker Compact NSXm 40A 4P 16kA at 380/415V(IEC) compression lug

LV426163

Discontinued on: 15 Jun 2023

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Main

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Range	ComPact	
Product Name	ComPact NSXm	
Range Of Product	ComPact NSXm	
Device Short Name	NSXm 40E	
Product Or Component Type	Circuit breaker	
Device Application	Distribution Protection	
Number Of Poles	4P	
Protected Poles Description	3D	
Neutral Position	Left	
[In] Rated Current	40 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	
[Icu] Rated Ultimate Short-Circuit Breaking Capacity	25 kA Icu at 220240 V AC 50/60 Hz conforming to IEC 60947-2 16 kA Icu at 380415 V AC 50/60 Hz conforming to IEC 60947-2 10 kA Icu at 440 V AC 50/60 Hz conforming to IEC 60947-2 8 kA Icu at 500 V AC 50/60 Hz conforming to IEC 60947-2	
Performance Level	E 16 kA 415 V AC	
Trip Unit Name	TM-D	
Trip Unit Technology	Thermal-magnetic	
Trip Unit Protection Functions	Ш	
Control Type	Toggle	
Circuit Breaker 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 Short-Circuit Breaking Capacity	25 kA at 220240 V AC 50/60 Hz conforming to IEC 60947-2
	16 kA at 380415 V AC 50/60 Hz conforming to IEC 60947-2 10 kA at 440 V AC 50/60 Hz conforming to IEC 60947-2 8 kA at 500 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
Connection 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	40 A at 40 °C
Long-Time Pick-Up Adjustment Type Ir (Thermal Protection)	Adjustable
[Ir] Long-Time Protection Pick-Up Adjustment Range	0.71 x ln
Long-Time Protection Delay Adjustment Type Tr	Fixed
[Im] Magnetic Protection Pick-Up Range	600 A
Earth-Leakage Protection	Without
Number Of Slots For Electrical Auxiliaries	1 slot(s) for auxiliary switch OF 1 slot(s) for alarm switch SD 1 slot(s) for voltage release MN or MX
Width (W)	108 mm
Height (H)	137 mm
Depth (D)	80 mm
Net Weight	1.42 kg
Colour	Grey (RAL 7016)

Environment

Standards	EN/IEC 60947
Product Certifications	CCC EAC 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	-2570 °C
Ambient Air Temperature For Storage	-5085 °C
Relative Humidity	095 %
Operating Altitude	02000 m without derating 20005000 m with derating

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	11.7 cm
Package 1 Width	12.5 cm
Package 1 Length	22.0 cm
Package 1 Weight	1.6 kg

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Rohs Exemption Information

Yes

Certifications & Standards

Reach Regulation	REACh Declaration
Eu Rohs Directive	Compliant EU RoHS Declaration
China Rohs Regulation	China RoHS declaration Product out of China RoHS scope. Substance declaration for your information
Environmental Disclosure	Product Environmental Profile
Weee	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins