

circuit breaker Compact NSXm E (16 kA at 415 VAC), 3P, 16 A rating TMD trip unit, EverLink connectors

LV426100

① Discontinued on: 31-Dec-2022

! Discontinued

Main

Range	ComPact	
product name	ComPact NSXm	
Range of product	ComPact NSXm	
Device short name	NSXm 16E	
Product or component type	Circuit breaker	
Device application	Protection Distribution	
Number of poles	3P	
Protected poles description	3D	
[In] rated current	16 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	
[lcu] 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	и	
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	
[lcs] 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	1 Everlink lug wire size 2.595 mm², rigid or stranded aluminium/copper 1 Everlink lug wire size 2.570 mm², flexible copper
Connection pitch	35 mm with spreaders 27 mm without spreaders
9 mm pitches	9 module
Protection type	L : for overload protection (thermal) I : for short-circuit protection (magnetic)
Trip unit rating	16 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	500 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)	81 mm
Height (H)	137 mm
Depth (D)	80 mm
Product weight	1.06 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	9 cm
Package 1 Width	12.5 cm
Package 1 Length	21.5 cm
Package 1 Weight	1.213 kg
Unit Type of Package 2	S03
Number of Units in Package 2	9
Package 2 Height	30 cm
Package 2 Width	30 cm
Package 2 Length	40 cm
Package 2 Weight	11.398 kg
Unit Type of Package 3	P12
Number of Units in Package 3	216
Package 3 Height	105 cm
Package 3 Width	80 cm
Package 3 Length	120 cm
Package 3 Weight	285.552 kg



Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing "Use Better, Use Longer, Use Again" campaign to extend product lifetimes and recyclability.

Environmental Data explained >

How we assess product sustainability >

☑ Environmental footprint	
Carbon footprint (kg.eq.CO2 per CR, Total Life cycle)	105
Environmental Disclosure	Product Environmental Profile

Use Better

⊗ Materials and Substances	
SCIP Number	266401fd-2db7-458f-b0c1-34d573cc83b3
China RoHS Regulation	China RoHS declaration

Use Again

○ Repack and remanufacture	
Circularity Profile	No need of specific recycling operations
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins