



Training Objectives: Compliant



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Main

Range	ComPact
Product name	ComPact NSXm
Range of product	ComPact NSXm
Device short name	NSXm 125B
Product or component type	Circuit breaker
Device application	Protection Distribution
Poles description	3P
Protected poles description	3d
[In] rated current	125 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	50 KA Icu at 220...240 V AC 50/60 Hz conforming to IEC 60947-2 25 KA Icu at 380...415 V AC 50/60 Hz conforming to IEC 60947-2 20 KA Icu at 440 V AC 50/60 Hz conforming to IEC 60947-2
Breaking capacity code	B 25 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	50 KA at 220...240 V AC 50/60 Hz conforming to IEC 60947-2 25 KA at 380...415 V AC 50/60 Hz conforming to IEC 60947-2 20 KA at 440 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	1 Everlink lug wire size 2.5...70 mm ² , flexible copper 1 Everlink lug wire size 2.5...95 mm ² , rigid or stranded 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	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
Magnetic tripping current	1250 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	81 Mm
Height	137 Mm
Depth	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	-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 Weight	1.3 Kg
Package 1 Height	9 Cm
Package 1 width	12.5 Cm
Package 1 Length	22 Cm
Unit Type of Package 2	S03
Number of Units in Package 2	9
Package 2 Weight	12.29 Kg
Package 2 Height	30 Cm
Package 2 width	30 Cm
Package 2 Length	40 Cm
Unit Type of Package 3	P12
Number of Units in Package 3	72
Package 3 Weight	110.32 Kg
Package 3 Height	50 Cm
Package 3 width	80 Cm
Package 3 Length	120 Cm

Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	 REACH Declaration
EU RoHS Directive	Compliant  EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	 Yes
China RoHS Regulation	 China RoHS Declaration
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

Product Life Status : **Commercialised**