Product datasheet
Characteristics

LV426108
circuit breaker Compact NSXm 125A 3P 16kA at 380/415V(IEC) EverLink lug

Main

Range	Compact
Product name	Compact NSXm
Device short name	NSXm 125E
Product or component type	Circuit breaker
Device application	Distribution Protection

Complementary

[In] rated current	125 A
Poles description	3P 3d
Control type	Toggle
Mounting mode	By screws for plate Clip-on for DIN rail
Network type	AC
Network frequency	50/60 Hz
Breaking capacity code	E 16 kA 415 V AC
Breaking capacity	25 kA at 220...240 V AC 50/60 Hz according to IEC 60947-2 16 kA at 380...415 V AC 50/60 Hz according to IEC 60947-2 10 kA at 440 V AC 50/60 Hz according to IEC 60947-2
[Ue] rated operational voltage	690 V AC 50/60 Hz according to IEC 60947-2
[Ics] rated service breaking capacity	25 kA at 220...240 V AC 50/60 Hz according to IEC 60947-2 16 kA at 380...415 V AC 50/60 Hz according to IEC 60947-2 10 kA at 440 V AC 50/60 Hz according to IEC 60947-2
[Uimp] rated impulse withstand voltage	8 kV according to IEC 60947-2
[Ui] rated insulation voltage	800 V according to IEC 60947-2
Trip unit technology	Thermal-magnetic
Trip unit name	TM-D
Trip unit protection functions	LI
Trip unit rating	125 A at 40 °C

Protection type	Overload protection (thermal) Short-circuit protection (magnetic)
Long time pick-up adjustment range	0.7...1 x In
Short-time pick-up adjustment type Isd	Fixed
Short-time delay adjustment type	Fixed
Magnetic hold current	1000 A
Magnetic tripping current	1500 A
Suitability for isolation	Yes according to IEC 60947-2
Utilisation category	Category A
9 mm pitches	9 module
Connection pitch	35 mm with spreaders 27 mm without spreaders
Connections - terminals	1 Everlink lug 2.5...95 mm² (rigid or stranded) conductor :copper 1 Everlink lug 2.5...70 mm² (flexible) conductor :copper
Tightening torque	5 N.m for 2.5...10 mm² 9 N.m for 16...95 mm²
Local signalling	Green flag for presence of auxiliary contacts
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
Wire stripping length	20 mm

Environment

Quality labels	CE
Standards	EN/IEC 60947
Product certifications	CCC EAC Marine
Colour	Grey (RAL 7016)
IP degree of protection	IP40 (front cover) according to IEC 60529
IK degree of protection	IK07 according to IEC 62262
Pollution degree	3 according to IEC 60947-1
Ambient air temperature for operation	-25...70 °C
Ambient air temperature for storage	-40...85 °C
Operating altitude	5000 m with derating 2000 m without derating
Mechanical durability	20000 cycles according to IEC 947-1 Annex K ed 5.2 for In
Electrical durability	10000 cycles according to IEC 947-1 Annex F ed 5.2 for In at 440 V
Height	137 mm
Width	81 mm
Depth	80 mm
Product weight	1.06 kg
Quantity per set	Set of 1

Offer Sustainability

Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 1649 - Schneider Electric declaration of conformity Schneider Electric declaration of conformity
REACh	Reference not containing SVHC above the threshold Reference not containing SVHC above the threshold
Product environmental profile	Available Product environmental
Product end of life instructions	Need no specific recycling operations