Product data sheet Characteristics

LV426304

circuit breaker Compact NSXm 50A 3P 36kA at 380/415V(IEC) EverLink lug





Main

Range	Compact
Product name	Compact NSXm
Device short name	NSXm 50F
Product or component type	Circuit breaker
Device application	Distribution Protection

Complementary

Main Range Compact Product name Compact NSXm Device short name NSXm 50F Product or component type Circuit breaker Device application Distribution Protection Complementary [In] rated current 50 A Poles description 3P 3d Control type Toggle Mounting mode By screws for plate Clip-on for DIN rail Network type AC Network type AC Network frequency 50/60 Hz Performance level F 36 kA 415 V AC [Icu] rated ultimate breaking capacity 85 kA at 220240 V AC 50/60 Hz according to IEC 60947-2 35 kA at 440 V AC 50/60 Hz according to IEC 60947-2 10 kA at 525 V AC 50/60 Hz according to IEC 60947-2			
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	mp] rated impulse withstand voltage	kV according to IEC 60947-2	
Trip unit technology Thermal-magnetic	rated insulation voltage	300 V according to IEC 60947-2	
	o unit technology	l'hermal-magnetic	
Oct 22, 2019			

Trip unit name	TM-D
Trip unit protection functions	LI
Trip unit rating	50 A at 40 °C
Protection type	Overload protection (thermal) Short-circuit protection (magnetic)
Long time pick-up adjustment range	0.71 x ln
Short-time pick-up adjustment type Isd	Fixed
Short-time delay adjustment type	Fixed
Magnetic hold current	480 A
Magnetic tripping current	720 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 2.570 mm² (flexible) conductor :copper 1 Everlink lug 2.595 mm² (rigid or stranded) conductor :aluminium/copper
Tightening torque	5 N.m for 2.510 mm ² 9 N.m for 1695 mm ²
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
Power 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	-2570 °C
Ambient air temperature for storage	-4085 °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

Need no specific recycling operations