

Product datasheet

Specifications



I-Line circuit breaker, 1 Pole L3, 16A rating, 25kA, TMD trip unit adapted ComPacT NSX new generation

IL0161P253

EAN Code: 5018934031309

Main

Range	I-Line
Range Of Product	ComPacT NSX100...250 new generation
Device Short Name	NSX100B
Product Or Component Type	Circuit breaker
Device Application	Distribution
Number Of Poles	1P
[In] Rated Current	16 A at 40 °C
[Ue] Rated Operational Voltage	277 V AC 50/60 Hz conforming to EN/IEC 60947-2 250 V DC conforming to EN/IEC 60947-2
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 220/240 V AC 50/60 Hz conforming to EN 60947-2
Performance Level	N
Trip Unit Name	TM-D
Trip Unit Technology	Thermal-magnetic
Trip Unit Protection Functions	LI
Control Type	Toggle
Mounting Location	I-Line

Complementary

[Ui] Rated Insulation Voltage	800 V AC 50/60 Hz conforming to EN/IEC 60947-2
[Uimp] Rated Impulse Withstand Voltage	8 kV conforming to EN/IEC 60947-2
[Ics] Rated Service Short-Circuit Breaking Capacity	25 kA at 220/240 V AC 50/60 Hz conforming to EN/IEC 60947-2
Mechanical Durability	20000 cycles
Electrical Durability	20000 cycles at 277 V In 10000 cycles at 277 V In/2
Protection Type	L : for overload protection (long time) I : for short-circuit protection (magnetic)
Long-Time Pick-Up Adjustment Type Ir (Thermal Protection)	Fixed
[Ir] Long-Time Protection Pick-Up Adjustment Range	1 In
Long-Time Protection Delay Adjustment Type Tr	Fixed
Instantaneous Protection Pick-Up Adjustment Type Ii	Fixed

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

[Ii] Instantaneous Protection Pick-Up Adjustment Range	190 A
Width (W)	35 mm
Height (H)	161 mm
Depth (D)	86 mm
Net Weight	0.7 kg
Colour	Grey

Environment

Standards	EN/IEC 60947-1 EN/IEC 60947-2
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	95 %
Operating Altitude	0...2000 m without derating 2000 m...5000 m without derating

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	6.000 cm
Package 1 Width	20.000 cm
Package 1 Length	33.000 cm
Package 1 Weight	1.110 kg

Contractual warranty

Warranty	18 months
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