

Product datasheet

Specifications



I-Line circuit breaker, 3 Poles, 250A rating, 36kA, TMD trip unit adapted ComPact NSX

Local distributor code: 394683489 CNXAE34250

⚠ Discontinued on: 11 April 2022

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CNXAE34250 has not been replaced. Please contact your customer care centre for more information.

Main

Range	I-Line
Range of product	ComPact NSX100...250
Device short name	NSX250F
Product or component type	Circuit breaker
Device application	Distribution
Number of poles	3P
[In] rated current	250 A at 40 °C
[Ue] rated operational voltage	690 V AC 50/60 Hz 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	36 kA Icu at 415 V AC 50/60 Hz conforming to EN 60947-2
Performance level	F
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	36 kA at 415 V AC 50/60 Hz conforming to EN/IEC 60947-2
Mechanical durability	20000 cycles
Electrical durability	20000 cycles at 440 V In/2 10000 cycles at 440 V In 10000 cycles at 690 V In/2 5000 cycles at 690 V In
Protection type	L : for overload protection (long time)

	I : for short-circuit protection (magnetic)
Long-time pick-up adjustment type Ir (thermal protection)	Adjustable
[Ir] long-time protection pick-up adjustment range	0.7...1 x In
Long-time protection delay adjustment type tr	Fixed
[Tr] long-time protection delay adjustment range	120...400 s at 1.5 x Ir 15 s at 6 x Ir
Instantaneous protection pick-up adjustment type li	Adjustable
[li] instantaneous protection pick-up adjustment range	5...10 x In
Width (W)	105 mm
Height (H)	161 mm
Depth (D)	86 mm
Net weight	2.4 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

Offer Sustainability

REACH Regulation	REACH Declaration
EU RoHS Directive	Compliant EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	Yes
China RoHS Regulation	China RoHS declaration Product out of China RoHS scope. Substance declaration for your information
PVC free	Yes

Contractual warranty

Warranty	18 months
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