

LV431111

circuit breaker Compact NSX250B - TMD -
200A - 3 poles 3d



Main

Circuit breaker name	Compact NSX250B
Circuit breaker application	Distribution
Circuit breaker rating code	B
[In] rated current	250 A (40 °C)
Poles description	3P
Protected poles description	3t
Breaking capacity	Icu 40 kA at 220/240 V AC 50/60 Hz conforming to IEC 60947-2 Icu 25 kA at 380/415 V AC 50/60 Hz conforming to IEC 60947-2 Icu 20 kA at 440 V AC 50/60 Hz conforming to IEC 60947-2 Icu 15 kA at 500 V AC 50/60 Hz conforming to IEC 60947-2 40 kA at 240 V AC 50/60 Hz conforming to NEMA AB1 20 kA at 480 V AC 50/60 Hz conforming to NEMA AB1
[Ics] rated service breaking capacity	Ics 15 kA 500 V AC 50/60 Hz conforming to IEC 60947-2 Ics 20 kA 440 V AC 50/60 Hz conforming to IEC 60947-2 Ics 25 kA 380/415 V AC 50/60 Hz conforming to IEC 60947-2 Ics 40 kA 220/240 V AC 50/60 Hz conforming to IEC 60947-2
Trip unit name	TM-D
Trip unit technology	Thermal-magnetic
Trip unit rating	200 A (40 °C)
[Ui] rated insulation voltage	800 V AC 50/60 Hz
[Uimp] rated impulse withstand voltage	8 kV
[Ue] rated operational voltage	690 V AC 50/60 Hz
Suitability for isolation	Yes conforming to IEC 60947-2 Yes conforming to EN 60947-2
Utilisation category	Category A
Pollution degree	3 conforming to IEC 60947-1
Network type	AC
Network frequency	50/60 Hz
Protection type	Overload protection (thermal) Short-circuit protection (magnetic)

Complementary

Mounting mode	Fixed
Upside connection	Front
Downside connection	Front
Control type	Toggle
Mounting support	Backplate
Local signalling	Positive contact indication
Mechanical durability	20000 cycles

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Electrical durability	20000 cycles 440 V In/2 conforming to IEC 60947-2 10000 cycles 440 V In conforming to IEC 60947-2 10000 cycles 690 V In/2 conforming to IEC 60947-2 5000 cycles 690 V In conforming to IEC 60947-2
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
[Tr] long-time delay adjustment	15 s 6 x Ir 120...400 s 1.5 x In
Short-time pick-up adjustment type Isd	Adjustable
[Isd] short-time pick-up adjustment range	5...10 x In
Short-time delay adjustment type	Fixed
Connection pitch	35 mm
Height	161 mm
Width	105 mm
Depth	86 mm

Environment

Electrical shock protection class	Class II
Standards	EN 60947-2 IEC 60947-2 NEMA AB1 UL 508
Product certifications	CSA UL
IP degree of protection	IP40 conforming to IEC 60529
Ambient air temperature for operation	-35...70 °C
Ambient air temperature for storage	-55...85 °C
RoHS EUR conformity date	0819
RoHS EUR status	Compliant