

LV431391

circuit breaker Compact NSX250S - 250 A - 3 poles - without trip unit



Main

Range of product	NSX100...250
Device short name	Compact NSX250S
Circuit breaker name	Compact NSX250S
Poles description	3P
Network type	AC
Network frequency	50/60 Hz
[In] rated current	250 A (40 °C)
[Ui] rated insulation voltage	800 V AC 50/60 Hz conforming to IEC 60947-2
[Uimp] rated impulse withstand voltage	8 kV conforming to IEC 60947-2
[Ue] rated operational voltage	690 V AC 50/60 Hz conforming to IEC 60947-2
Breaking capacity code	S
Breaking capacity	120 kA at 240 V AC 50/60 Hz conforming to NEMA AB1 40 kA at 600 V AC 50/60 Hz conforming to NEMA AB1 90 kA at 480 V AC 50/60 Hz conforming to NEMA AB1 Icu 100 kA at 380/415 V AC 50/60 Hz conforming to IEC 60947-2 Icu 120 kA at 220/240 V AC 50/60 Hz conforming to IEC 60947-2 Icu 15 kA at 660/690 V AC 50/60 Hz conforming to IEC 60947-2 Icu 40 kA at 525 V AC 50/60 Hz conforming to IEC 60947-2 Icu 65 kA at 500 V AC 50/60 Hz conforming to IEC 60947-2 Icu 90 kA at 440 V AC 50/60 Hz conforming to IEC 60947-2
[Ics] rated service breaking capacity	Ics 100 kA 380/415 V AC 50/60 Hz conforming to IEC 60947-2 Ics 120 kA 220/240 V AC 50/60 Hz conforming to IEC 60947-2 Ics 15 kA 660/690 V AC 50/60 Hz conforming to IEC 60947-2 Ics 40 kA 525 V AC 50/60 Hz conforming to IEC 60947-2 Ics 65 kA 500 V AC 50/60 Hz conforming to IEC 60947-2 Ics 90 kA 440 V AC 50/60 Hz conforming to IEC 60947-2
Suitability for isolation	Yes conforming to EN 60947-2 Yes conforming to IEC 60947-2
Utilisation category	Category A
Pollution degree	3 conforming to IEC 60947-1

Complementary

Control type	Toggle
Mounting mode	Fixed
Mounting support	Backplate
Upside connection	Front
Downside connection	Front
Mechanical durability	20000 cycles conforming to IEC 60947-2
Electrical durability	10000 cycles 440 V AC 50/60 Hz In conforming to IEC 60947-2

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10000 cycles 690 V AC 50/60 Hz In/2 conforming to IEC 60947-2
20000 cycles 440 V AC 50/60 Hz In/2 conforming to IEC 60947-2

Connection pitch	35 mm
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Environment

Standards	EN 60947-2 IEC 60947-2 NEMA AB1 UL 508
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Product certifications	CSA UL
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IP degree of protection	IP40 conforming to IEC 60529
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IK degree of protection	IK07 conforming to IEC 62262
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Ambient air temperature for operation	-35...70 °C
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Ambient air temperature for storage	-55...85 °C
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Offer Sustainability

Sustainable offer status	Green Premium product
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RoHS	Compliant - since 0819 - Schneider Electric declaration of conformity
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Product environmental profile	Available
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Product end of life instructions	Available
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