

LV438208

circuit breaker Compact NSX250F DC - 250 A - 4 poles - fixed - without trip unit



Main

Range	Compact
Range of product	NSX100...250 DC
Product or component type	Basic frame
Device short name	Compact NSX250F DC
Device application	Distribution
Circuit breaker name	Compact NSX250F DC
Poles description	4P
Network type	DC
[In] rated current	250 A (40 °C)
[Ui] rated insulation voltage	800 V DC conforming to IEC 60947-2
[Uimp] rated impulse withstand voltage	8 kV conforming to IEC 60947-2
[Ue] rated operational voltage	DC conforming to IEC 60947-2
Breaking capacity code	F
Breaking capacity	36 kA Icu at 250 V DC 1P conforming to IEC 60947-2 36 kA Icu at 48/125 V DC 1P conforming to IEC 60947-2 36 kA Icu at 500 V DC 2P conforming to IEC 60947-2 36 kA Icu at 750 V DC 3P conforming to IEC 60947-2
[Ics] rated service breaking capacity	250 V IEC 60947-2 conforming to IEC 60947-2 conforming to IEC 60947-2 conforming to IEC 60947-2 conforming to IEC 60947-2 DC DC conforming to IEC 60947-2 2 IEC 60947-2 48/125 V IEC 60947-2 conforming to IEC 60947-2 conforming to IEC 60947-2 conforming to IEC 60947-2 conforming to IEC 60947-2 conforming to IEC 60947-2 conforming to IEC 60947-2 DC DC conforming to IEC 60947-2 2 IEC 60947-2 500 V IEC 60947-2 conforming to IEC 60947-2 conforming to IEC 60947-2 conforming to IEC 60947-2 conforming to IEC 60947-2 conforming to IEC 60947-2 conforming to IEC 60947-2 DC DC conforming to IEC 60947-2 2 IEC 60947-2 750 V IEC 60947-2 conforming to IEC 60947-2 conforming to IEC 60947-2 conforming to IEC 60947-2 conforming to IEC 60947-2 conforming to IEC 60947-2 conforming to IEC 60947-2 DC DC conforming to IEC 60947-2 2 IEC 60947-2
Suitability for isolation	Yes conforming to IEC 60947-2
Utilisation category	Category A
Pollution degree	3 conforming to IEC 60947

Complementary

Control type	Toggle
Mounting mode	Fixed
Mounting support	Backplate
Upside connection	Front
Downside connection	Front
Protection type	Without protection
Auxiliary contact composition	Without

Mechanical durability	10000 cycles conforming to IEC 60947-2
Electrical durability	10000 cycles 250 V DC In/2 conforming to IEC 60947-2 10000 cycles 500 V DC In/2 conforming to IEC 60947-2 10000 cycles 750 V DC In/2 conforming to IEC 60947-2 5000 cycles 250 V DC In conforming to IEC 60947-2 5000 cycles 500 V DC In conforming to IEC 60947-2 5000 cycles 750 V DC In conforming to IEC 60947-2
Connection pitch	35 mm
Maximum breaking time	< 10 ms
Height	161 mm
Width	140 mm
Depth	86 mm

Environment

standards	IEC 60947-2
product certifications	ASEFA ASTA KEMA LCIE
IP degree of protection	IP40 conforming to IEC 60529
IK degree of protection	IK07 conforming to EN 50102
ambient air temperature for operation	-25...70 °C
ambient air temperature for storage	-50...85 °C

Offer Sustainability

Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 1201 - Schneider Electric declaration of conformity
REACH	Reference not containing SVHC above the threshold
Product environmental profile	Available
Product end of life instructions	Available