



### Glavno

Range	Compact
Product name	Compact NSX
Product or component type	Circuit breaker
Device short name	Compact NSX100F
Device application	Distribution
Poles description	1P
Protected poles description	1t
Network type	AC DC
Network frequency	50/60 Hz
[In] rated current	100 A ( 40 °C ) 100 A ( 65 °C )
[Ui] rated insulation voltage	750 V AC 50/60 Hz IEC 60947-2
[Uimp] rated impulse withstand voltage	8 kV conforming to IEC 60947-2
[Ue] rated operational voltage	250 V DC conforming to IEC 60947-2 277 V AC 50/60 Hz conforming to IEC 60947-2
Breaking capacity code	F (18 kA) AC
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 18 kA Icu at 220 V AC 50/60 Hz conforming to IEC 60947-2 18 kA Icu at 277 V AC 50/60 Hz conforming to IEC 60947-2
[Ics] rated service breaking capacity	Ics 18 kA 220 V AC 50/60 Hz conforming to IEC 60947-2 Ics 18 kA 277 V AC 50/60 Hz conforming to IEC 60947-2 Ics 36 kA 250 V DC conforming to IEC 60947-2 Ics 36 kA 48/125 V DC conforming to IEC 60947-2
Suitability for isolation	Yes conforming to IEC 60947-2
Utilisation category	Category A
Trip unit name	TM-D
Trip unit technology	Thermal-magnetic
Trip unit protection functions	LI
Trip unit rating	100 A ( 40 °C )
Protection type	Overload protection (thermal) L Short-circuit protection (magnetic) I
Pollution degree	3 conforming to IEC 60947

### Komplementarno

Control type	Toggle
Mounting mode	Fixed
Mounting support	Backplate
Upside connection	Front
Downside connection	Front
Auxiliary contact composition	Without
Mechanical durability	20000 cycles
Electrical durability	10000 cycles 277 V AC 50/60 Hz In conforming to IEC 60947-2

Informacije dane u ovoj dokumentaciji sadrže opće opise i/ili tehničke karakteristike o performansama ovdje sadržanih proizvoda. Ova dokumentacija nije namijenjena kao zamjena za niti bi se trebala koristiti za određivanje prikladnosti ili pouzdanosti predmetnih proizvoda za konkretne korisničke primjene. Svaki takav korisnik ili integrator dužan je provesti odgovarajuću i potpunu analizu rizika, procjenu i ispitivanje proizvoda u odnosu na odgovarajuću specifičnu primjenu ili uporabu istog. Niti društvo Schneider Electric Industries SAS niti bilo koje od njegovih povezanih poduzeća ili podružnica neće preuzeti obvezu ili snositi odgovornost za pogrešnu upotrebu ovdje sadržanih informacija.

Connection pitch	35 mm
Local signalling	Positive contact indication
Magnetic tripping current	1000 A 1250 A 190 A 260 A 300 A 500 A 640 A 800 A
Long time pick-up adjustment type Ir	Fixed
Long time pick-up adjustment range	0.8...1 x In
Instantaneous pick-up adjustment type li	Fixed
Instantaneous pick-up adjustment range	800 A
Height	161 mm
Width	35 mm
Depth	86 mm

## Okolina

standards	EN/IEC 60947 UL 508
product certifications	CCC Marine EAC
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

Green Premium product	Green Premium product
Compliant - since 0819 - Schneider Electric declaration of conformity	Compliant - since 0819 - Schneider Electric declaration of conformity
Reference not containing SVHC above the threshold	Reference not containing SVHC above the threshold
Available	Available
Available	Available

## Contractual warranty

Warranty period	18 months
-----------------	-----------