

LV438565

prekidač Compact NSX100F – TMD – 30 A – 1 pol
1d



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 | 30 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 |

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.

| | |
|--|--|
| Mechanical durability | 20000 cycles |
| Electrical durability | 10000 cycles 277 V AC 50/60 Hz In conforming to IEC 60947-2 20000 cycles 277 V AC 50/60 Hz In/2 conforming to IEC 60947-2 |
| 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 | 300 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

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