

## LV438569

prekidač Compact NSX100F – TMD – 80 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<br>DC  |
| Network frequency                      | 50/60 Hz  |
| [In] rated current                     | 100 A ( 40 °C )<br>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<br>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<br>36 kA Icu at 48/125 V DC 1P conforming to IEC 60947-2<br>18 kA Icu at 220 V AC 50/60 Hz conforming to IEC 60947-2<br>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<br>Ics 18 kA 277 V AC 50/60 Hz conforming to IEC 60947-2<br>Ics 36 kA 250 V DC conforming to IEC 60947-2<br>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                       | 80 A ( 40 °C )  |
| Protection type                        | Overload protection (thermal) L<br>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 |

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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<br>1250 A<br>190 A<br>260 A<br>300 A<br>500 A<br>640 A<br>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   | 640 A  |
| Height                                   | 161 mm   |
| Width                                    | 35 mm  |
| Depth                                    | 86 mm  |

## Okolina

|                                       |                              |
|---------------------------------------|------------------------------|
| standards                             | EN/IEC 60947<br>UL 508       |
| product certifications                | CCC<br>Marine<br>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

|   |   |
|---|---|
| Not Green Premium product   | Not 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                     |

## Contractual warranty

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