



Glavno

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| Range | Compact |
| Product name | Compact NSX DC |
| Product or component type | Circuit breaker |
| Device short name | Compact NSX630 DC |
| Device application | Distribution |
| Poles description | 4P |
| Protected poles description | 4t |
| Network type | DC |
| [In] rated current | 600 A (40 °C) |
| [Ui] rated insulation voltage | 750 V DC IEC 60947-2 |
| [Uimp] rated impulse withstand voltage | 8 kV conforming to IEC 60947-2 |
| [Ue] rated operational voltage | 750 V DC conforming to IEC 60947-2 |
| Breaking capacity code | S (100 kA) DC |
| Breaking capacity | 100 kA Icu at 250 V DC 1P conforming to IEC 60947-2 100 kA Icu at 500 V DC 2P conforming to IEC 60947-2 100 kA Icu at 600 V DC 4P conforming to IEC 60947-2 |
| [Ics] rated service breaking capacity | Ics 100 kA 750 V DC conforming to IEC 60947-2 |
| Suitability for isolation | Yes conforming to IEC 60947-2 |
| Utilisation category | Category A |
| Trip unit name | TM-DC |
| Trip unit technology | Thermal-magnetic |
| Trip unit rating | 600 A (40 °C) |
| Protection type | Overload protection (thermal) L Short-circuit protection (magnetic) I |
| Pollution degree | 3 conforming to IEC 60947-2 |

Komplementarno

| | |
|--------------------------------------|--|
| Control type | Toggle |
| Mounting mode | Fixed |
| Mounting support | Backplate |
| Upside connection | Front |
| Downside connection | Front |
| Mechanical durability | 5000 cycles |
| Electrical durability | 1000 cycles 750 V DC In conforming to IEC 60947-2 2000 cycles 750 V DC In/2 conforming to IEC 60947-2 |
| Connection pitch | 45 mm |
| Local signalling | Positive contact indication |
| Long time pick-up adjustment type Ir | Adjustable |
| Long time pick-up adjustment range | 0.7...1 x In |
| Height | 255 mm |
| Width | 185 mm |
| Depth | 110 mm |
| Product weight | 7.9 kg |

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Okolina

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|-------------------------|------------------------------|
| standards | EN/IEC 60947 |
| product certifications | CCC EAC |
| IP degree of protection | IP20 conforming to IEC 60529 |
| IK degree of protection | IK07 conforming to EN 50102 |

Offer Sustainability

| | |
|---|---|
| Green Premium product | Green Premium product |
| Compliant - since 1440 - Schneider Electric declaration of conformity | Compliant - since 1440 - Schneider Electric declaration of conformity |
| Reference not containing SVHC above the threshold | Reference not containing SVHC above the threshold |
| Available | Available |
| Need no specific recycling operations | Need no specific recycling operations |