

C104100D1S

Switch disconnecter ComPacT NSX100NA DC PV. 100A rating. 4 poles



Main

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|--|----------------------------------|
| Range | ComPacT new generation |
| Product name | ComPacT NSX DC PV |
| Device short name | NSX100NA DC PV |
| Product or component type | Switch disconnecter |
| Device application | Photovoltaic |
| Poles description | 4P |
| [I _{th}] conventional free air thermal current | 100 A at 65 °C |
| [I _e] rated operational current | DC-22A: 100 A DC 1000 V |
| [U _e] rated operational voltage | 1000 V DC |
| Network type | DC |
| Suitability for isolation | Yes conforming to EN/IEC 60947-3 |
| Utilisation category | DC-22A |
| Breaking capacity code | NA |
| Contact position indicator | Yes |
| Visible break | No |
| Mounting mode | Fixed |
| [I _{cw}] rated short-time withstand current | 2.5 kA during 1 s |
| [I _{cm}] rated short-circuit making capacity | 2.5 kA switch-disconnector alone |
| Control type | Toggle |
| [U _i] rated insulation voltage | 1000 V DC |
| [U _{imp}] rated impulse withstand voltage | 8 kV |

Complementary

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|------------------------|----------------------------------|
| Mounting support | Backplate |
| Upside connection | Front |
| Downside connection | Front |
| Connection pitch | 35 mm |
| Mechanical durability | 10000 cycles |
| Electrical durability | 1500 cycles 1000 V DC In |
| Width (W) | 140 mm |
| Height (H) | 161 mm |
| Depth (D) | 86 mm |
| Net weight | 2.8 kg |
| Standards | EN/IEC 60947-1 EN/IEC 60947-3 |
| Product certifications | CE[RETURN]EAC[RETURN]CCC |

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Environment

| | |
|---------------------------------------|------------------------------|
| IP degree of protection | IP40 conforming to IEC 60529 |
| IK degree of protection | IK07 conforming to IEC 62262 |
| Electrical shock protection class | Class II |
| Pollution degree | 3 conforming to IEC 60664-1 |
| Ambient air temperature for operation | -25...70 °C |
| Ambient air temperature for storage | -50...85 °C |

Packing Units

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|------------------------------|---------|
| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Height | 13.0 cm |
| Package 1 Width | 14.0 cm |
| Package 1 Length | 16.0 cm |
| Package 1 Weight | 3.0 kg |

Offer Sustainability

| | |
|----------------------------|---|
| Sustainable offer status | Green Premium product |
| REACH Regulation | REACH Declaration |
| EU RoHS Directive | Compliant with Exemptions |
| Mercury free | Yes |
| China RoHS Regulation | China RoHS Declaration |
| RoHS exemption information | Yes |
| Environmental Disclosure | Product Environmental Profile |
| Circularity Profile | No need of specific recycling operations |
| PVC free | Yes |