

Product datasheet

Specifications



switch disconnecter ComPacT NSX400NA, 3 poles, 400 A, AC22A, AC23A

C403400S

EAN Code: 3606482002876

Main

| | |
|---|---|
| Range | ComPacT |
| Product name | ComPacT NSX |
| Device short name | NSX400NA |
| Product or component type | Switch disconnecter |
| Device application | Distribution |
| Poles description | 3P |
| [Ith] conventional free air thermal current | 400 A at 50 °C |
| [Ie] rated operational current | AC-22A: 400 A AC 50/60 Hz 220...690 V AC-23A: 400 A AC 50/60 Hz 220...690 V |
| [Ue] rated operational voltage | 690 V AC 50/60 Hz |
| Network type | AC |
| Suitability for isolation | Yes conforming to EN/IEC 60947-3 |
| Utilisation category | AC-22A AC-23A |
| Breaking capacity code | NA |
| Contact position indicator | Yes |
| Visible break | No |
| Mounting mode | Fixed |
| [Icw] rated short-time withstand current | 5 kA during 1 s 5 kA during 3 s 1.93 kA during 20 s |
| [Icm] rated short-circuit making capacity | 330 kA with upstream protection circuit breaker 7.1 kA switch-disconnector alone |
| Control type | Toggle |
| [Ui] rated insulation voltage | 800 V AC 50/60 Hz |
| [Uimp] rated impulse withstand voltage | 8 kV |

Complementary

| | |
|-----------------------|--------------|
| Mounting support | Backplate |
| Upside connection | Front |
| Downside connection | Front |
| Connection pitch | 45 mm |
| Mechanical durability | 15000 cycles |

| | |
|------------------------------|--|
| Electrical durability | AC-22A: 10000 cycles 440 V AC 50/60 Hz In/2 AC-22A: 2500 cycles 690 V AC 50/60 Hz In AC-22A: 5000 cycles 440 V AC 50/60 Hz In AC-22A: 5000 cycles 690 V AC 50/60 Hz In/2 AC-23A: 10000 cycles 440 V AC 50/60 Hz In/2 AC-23A: 2500 cycles 690 V AC 50/60 Hz In AC-23A: 5000 cycles 440 V AC 50/60 Hz In AC-23A: 5000 cycles 690 V AC 50/60 Hz In/2 |
| Width (W) | 140 mm |
| Height (H) | 255 mm |
| Depth (D) | 110 mm |
| Net weight | 5.2 kg |
| Standards | EN/IEC 60947-1 EN/IEC 60947-3 |

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

| | |
|-------------------------------------|-----------|
| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Height | 15.000 cm |
| Package 1 Width | 15.500 cm |
| Package 1 Length | 29.000 cm |
| Package 1 Weight | 5.326 kg |
| Unit Type of Package 2 | S04 |
| Number of Units in Package 2 | 2 |
| Package 2 Height | 30.000 cm |
| Package 2 Width | 40.000 cm |
| Package 2 Length | 60.000 cm |
| Package 2 Weight | 11.352 kg |

Logistical informations

| | |
|--------------------------|----|
| Country of origin | FR |
|--------------------------|----|

Contractual warranty

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

Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)

Environmental footprint

Total lifecycle Carbon footprint 358

Environmental Disclosure [Product Environmental Profile](#)

Use Better

Materials and Substances

Packaging made with recycled cardboard Yes

Packaging without single use plastic Yes

[EU RoHS Directive](#) Compliant with Exemptions

SCIP Number E01033b9-a29d-4247-893c-b0642e7209e8

REACH Regulation [REACH Declaration](#)

Halogen-free status Product contains halogen above thresholds

PVC free Yes

Silicone-free No

Use Again

Repack and remanufacture

End of life manual availability No need of specific recycling operations

Take-back No

WEEE Label  The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

Offer Marketing Illustration

Product benefits / Features



ComPacT NSX NA Range Accessories



Wireless auxiliary contact



Short terminal shield



Interphase barriers



Long terminal shield



Rotary handles



Standard auxiliary contact



MN undervoltage release



MX shunt release



Standard motor mechanism module

Offer Marketing Illustration

Product benefits / Features

ComPacT NSX NA

Technical Benefits



- Nominal current: 16 to 630 A and 9 breaking capacities for the 2 sizes of circuit breakers
- 1, 2, 3, and 4 pole versions available
- Large range of electronic and thermal-magnetic protections
- Plug and ready wiring system and communicating accessories
- Integrated earth leakage protection via MicroLogic Vigi (earth leakage circuit breaker - ELCB)
- Advanced trip unit with integrated power metering: I, U, P, E, THD, f, CosPhi

Offer Marketing Illustration

Product benefits / Features

ComPacT NSX NA Switch Disconnectors



Protection begins with prevention

Designed to prevent an electrical fire through integrated earth leakage protection with preventive maintenance thanks to its Everlink power connections.



Maximize power availability

By providing corrective, preventive, and predictive maintenance for asset management thanks to our advanced MicroLogic trip units.



Connectivity

Designed to connect to EcoStruxure Power, an IoT-connected architecture for improving every aspect of your power distribution system.

