

Product datasheet

Characteristics

LV432757

switch disconnecter Compact NSX400NA, 4 poles, 400 A, AC22A, AC23A



Main

| | |
|---|---|
| Range | Compact |
| Product name | Compact NSX |
| Product or component type | Switch disconnecter |
| Device short name | Compact NSX400NA |
| Poles description | 4P |
| Network type | AC |
| [Ue] rated operational voltage | 690 V AC 50/60 Hz conforming to IEC 60947-3 |
| [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 |
| [Ui] rated insulation voltage | 800 V AC 50/60 Hz conforming to IEC 60947-3 |
| [Uimp] rated impulse withstand voltage | 8 kV conforming to IEC 60947-3 |
| [Ith] conventional free air thermal current | 400 A at 60 °C |
| [Icm] rated short-circuit making capacity | 330 kA with upstream protection circuit breaker 7.1 kA switch-disconnector alone |
| Breaking capacity code | NA |
| Suitability for isolation | Yes conforming to EN 60947-3 Yes conforming to IEC 60947-3 |
| Contact position indicator | Yes |
| Visible break | No |
| Pollution degree | 3 conforming to IEC 60664-1 |

Complementary

| | |
|--|---|
| Control type | Toggle |
| Mounting mode | Fixed |
| Mounting support | Backplate |
| Upside connection | Front |
| Downside connection | Front |
| [Icw] rated short-time withstand current | 1.93 kA during 20 s conforming to IEC 60947-3 |

Mar 23, 2020

5 kA during 1 s conforming to IEC 60947-3
5 kA during 3 s conforming to IEC 60947-3

| | |
|-----------------------|--|
| Mechanical durability | 15000 cycles conforming to IEC 60947-3 |
| Electrical durability | AC-22A: 10000 cycles 440 V AC 50/60 Hz In/2 conforming to IEC 60947-3 AC-22A: 2500 cycles 690 V AC 50/60 Hz In conforming to IEC 60947-3 AC-22A: 5000 cycles 440 V AC 50/60 Hz In conforming to IEC 60947-3 AC-22A: 5000 cycles 690 V AC 50/60 Hz In/2 conforming to IEC 60947-3 AC-23A: 10000 cycles 440 V AC 50/60 Hz In/2 conforming to IEC 60947-3 AC-23A: 2500 cycles 690 V AC 50/60 Hz In conforming to IEC 60947-3 AC-23A: 5000 cycles 440 V AC 50/60 Hz In conforming to IEC 60947-3 AC-23A: 5000 cycles 690 V AC 50/60 Hz In/2 conforming to IEC 60947-3 |
| Connection pitch | 45 mm |
| Height | 255 mm |
| Width | 185 mm |
| Depth | 110 mm |
| Net weight | 6.8 kg |

Environment

| | |
|---------------------------------------|------------------------------|
| Standards | EN/IEC 60947 UL 508 |
| Product certifications | EAC CCC |
| IP degree of protection | IP40 conforming to IEC 60529 |
| IK degree of protection | IK07 conforming to IEC 62262 |
| Electrical shock protection class | Class II |
| Ambient air temperature for operation | -35...70 °C |
| Ambient air temperature for storage | -55...85 °C |

Offer Sustainability

| | |
|----------------------------|---|
| Sustainable offer status | Green Premium product |
| EU RoHS Directive | Compliant EU RoHS Declaration |
| Mercury free | Yes |
| RoHS exemption information | Yes |
| China RoHS Regulation | China RoHS declaration Product out of China RoHS scope. Substance declaration for your information |
| Environmental Disclosure | Product Environmental Profile |
| Circularity Profile | End of Life Information |
| WEEE | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins |

Contractual warranty

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



SCATTERGOOD & JOHNSON LTD

ELECTRICAL ENGINEERING & FLUID CONTROL DISTRIBUTORS

Est.1899

At Scattergood & Johnson Ltd, we pride ourselves on being a technical distributor to specialist industries.

Working with a range of quality product suppliers across a number of specialist markets, we are not your average 'box shifter' - we are your technical and supply chain partner.

We fully support every product we sell - for free! Our internal team and external sales engineers can answer any product or application question, no matter the complexity.

Backing up this technical ability is a range of 50,000+ products available from stock for nationwide next day delivery (same day if required!), or you can collect what you need from any of our trade counters around the UK.

Select your specialist interest below to learn more about how we can help.



Online, In Branch and On the Road - Scattergood & Johnson Ltd, there when you need us.

www.scatts.co.uk