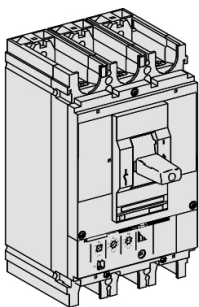


Product data sheet

Specifications



circuit breaker Compact NS400H - MP1 - 400 A - 4 poles 3d

32745

⚠ Discontinued

Main

| | |
|--|---|
| Range Of Product | Compact NS100...630 |
| Product Or Component Type | Circuit breaker |
| Device Short Name | Compact NS400DC |
| Circuit Breaker Name | Compact NS400DC |
| Device Application | Distribution |
| Poles Description | 4P |
| Protected Poles Description | 4t |
| Neutral Position | Left |
| Network Type | DC |
| [In] Rated Current | 400 A at 40 °C 320 A at 65 °C |
| [Ui] Rated Insulation Voltage | 800 V DC conforming to 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 | DC |
| Breaking Capacity | 100 kA Icu at 250 V DC 1P conforming to IEC 60947-2 100 kA Icu at 48/125 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 750 V DC 3P conforming to IEC 60947-2 |
| [Ics] Rated Service Breaking Capacity | 100 kA at 250 V DC conforming to IEC 60947-2 100 kA at 48/125 V DC conforming to IEC 60947-2 100 kA at 500 V DC conforming to IEC 60947-2 100 kA at 750 V DC conforming to IEC 60947-2 |
| Suitability For Isolation | Yes conforming to IEC 60947-2 |
| Utilisation Category | Category A |
| Trip Unit Name | MP1 |
| Trip Unit Technology | Magnetic |
| Trip Unit Rating | 400 A |
| Protection Type | Short-circuit protection (magnetic) |
| Pollution Degree | 3 conforming to IEC 60947 |

Complementary

| | |
|--------------|--------|
| Control Type | Toggle |
|--------------|--------|

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

| | |
|----------------------------|--|
| Mounting Mode | Fixed |
| Mounting Support | Backplate |
| Upside Connection | Front |
| Downside Connection | Front |
| Circuit Breaker Ct Rating | 400 A |
| Mechanical Durability | 5000 cycles |
| Electrical Durability | 1000 cycles 250 V DC In conforming to IEC 60947-2 1000 cycles 500 V DC In conforming to IEC 60947-2 1000 cycles 750 V DC In conforming to IEC 60947-2 2000 cycles 250 V DC In/2 conforming to IEC 60947-2 2000 cycles 500 V DC In/2 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 |
| Magnetic Tripping Current | 800...1600 A |
| Neutral Protection Setting | No protection |
| Height | 225 mm |
| Width | 185 mm |
| Depth | 110 mm |

Environment

| | |
|---------------------------------------|-------------------------------|
| Standards | IEC 60947-2 |
| Product Certifications | ASTA LCIE KEMA ASEFA |
| 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 |

Packing Units

| | |
|------------------------------|-----|
| Unit Type Of Package 1 | PCE |
| Number Of Units In Package 1 | 1 |

Contractual warranty

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

Sustainability

Green Premium™ label is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO₂ products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

[Learn more about Green Premium >](#)

[Guide to assess a product's sustainability >](#)



RoHS/REACH

Certifications & Standards

Eu Rohs Directive

Pro-active compliance (Product out of EU RoHS legal scope)

[EU RoHS Declaration](#)