# Product datasheet

Specifications

## switch-disconnector Masterpact NT16HA - 1600 A - 690 V - 4 poles - fixed

47168

## Main

| | |
|---|---|
| **Range** | MasterPacT |
| **Product Name** | MasterPact NT |
| **Product Or Component Type** | Switch disconnector |
| **Device Short Name** | MasterPact NT16 |
| **Switch-Disconnector Name** | MasterPact NT16HA |
| **Device Application** | Protection |
| **Poles Description** | 4P |
| **Network Type** | AC |
| **Network Frequency** | 50/60 Hz |
| **[Ie] Rated Operational Current** | 1600 A AC 50/60 Hz 690 V |
| **[Ui] Rated Insulation Voltage** | 1000 V AC 50/60 Hz conforming to IEC 60947-3 |
| **[Uimp] Rated Impulse Withstand Voltage** | 12 kV conforming to IEC 60947-3 |
| **[Icm] Rated Short-Circuit Making Capacity** | 75 kA 220...690 V AC at 50/60 Hz |
| **[Ue] Rated Operational Voltage** | 690 V AC 50/60 Hz conforming to IEC 60947-3 |
| **Breaking Capacity Code** | HA |
| **Suitability For Isolation** | Yes conforming to IEC 60947-3 |
| **Contact Position Indicator** | Yes |
| **Visible Break** | No |
| **Pollution Degree** | 3 conforming to IEC 60664-1 |

## Complementary

| | |
|---|---|
| **Control Type** | Push-button |
| **Mounting Mode** | Fixed |
| **Upside Connection** | Front |
| **Downside Connection** | Front |
| **Operating Rate** | 10 cyc/h maximum |
| **[Icw] Rated Short-Time Withstand Current** | 36 kA during 0.5 s conforming to IEC 60947-3<br>36 kA during 1 s conforming to IEC 60947-3<br>20 kA during 3 s conforming to IEC 60947-3 |
| **Mechanical Durability** | 12500 cycles without maintenance conforming to IEC 60947-3 |

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

| | |
|---|---|
| **Electrical Durability** | AC-23A: 3000 cycles 690 V AC 50/60 Hz without maintenance conforming to IEC 60947-3<br>AC-23A: 6000 cycles 440 V AC 50/60 Hz without maintenance conforming to IEC 60947-3<br>AC-3: 6000 cycles 440 V AC 50/60 Hz without maintenance conforming to IEC 60947-3 |
| **Connection Pitch** | 70 mm |
| **Height** | 301 mm |
| **Width** | 346 mm |
| **Depth** | 196 mm |
| **Net Weight** | 18 kg |

## Environment

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|---|---|
| **Standards** | IEC 60947-3 |
| **Product Certifications** | LCIE<br>ASEFA |
| **Ambient Air Temperature For Operation** | -5…70 °C |
| **Ambient Air Temperature For Storage** | -40…85 °C |

## Packing Units

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|---|---|
| **Unit Type Of Package 1** | PCE |
| **Number Of Units In Package 1** | 1 |
| **Package 1 Height** | 41.0 cm |
| **Package 1 Width** | 39.0 cm |
| **Package 1 Length** | 30.0 cm |
| **Package 1 Weight** | 19.242 kg |

## Contractual warranty

| | |
|---|---|
| **Warranty** | 12 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-$CO_2$ 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 >

Transparency RoHS/REACh

## Well-being performance

| | |
|---|---|
| Mercury Free | |
| Rohs Exemption Information | Yes |
| Pvc Free | |

## Certifications & Standards

| | |
|---|---|
| **Reach Regulation** | REACh Declaration |
| **Eu Rohs Directive** | Compliant with Exemptions |
| **China Rohs Regulation** | China RoHS declaration<br>Product out of China RoHS scope. Substance declaration for your information |
| **Environmental Disclosure** | Product Environmental Profile |
| **Circularity Profile** | End of Life Information |