# Product datasheet

Specifications

## switch-disconnector Masterpact NW20HF - 2000 A - 690 V - 3 poles - fixed

48062

## Main

| | |
|---|---|
| **Range** | MasterPacT |
| **Product Name** | MasterPact NW |
| **Product Or Component Type** | Switch disconnector |
| **Device Short Name** | MasterPact NW20 |
| **Switch-Disconnector Name** | MasterPact NW20HF |
| **Device Application** | Protection |
| **Poles Description** | 3P |
| **Network Type** | AC |
| **Network Frequency** | 50/60 Hz |
| **[Ie] Rated Operational Current** | 2000 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** | 187 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** | HF |
| **Suitability For Isolation** | Yes conforming to IEC 60947-3 |
| **Contact Position Indicator** | Yes |
| **Visible Break** | No |
| **Pollution Degree** | 4 conforming to IEC 60664-1 |

## Complementary

| | |
|---|---|
| **Control Type** | Push-button |
| **Mounting Mode** | Fixed |
| **Operating Rate** | 10 cyc/h maximum |
| **[Icw] Rated Short-Time Withstand Current** | 85 kA during 1 s conforming to IEC 60947-3<br>75 kA during 3 s conforming to IEC 60947-3 |
| **Mechanical Durability** | 10000 cycles without maintenance conforming to IEC 60947-3<br>20000 cycles with maintenance conforming to IEC 60947-3 |
| **Electrical Durability** | AC-3: 6000 cycles 440/690 V AC 50/60 Hz without maintenance conforming to IEC 60947-3<br>AC-23A: 6000 cycles 690 V AC 50/60 Hz without maintenance conforming to IEC 60947-3<br>AC-23A: 8000 cycles 440 V AC 50/60 Hz without maintenance conforming to IEC 60947-3 |

Excluding VAT, FCA Jabal Ali & are subject to change – check with your local distributor.

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

| | |
|---|---|
| **Connection Pitch** | 115 mm |
| **Height** | 352 mm |
| **Width** | 442 mm |
| **Depth** | 297 mm |
| **Net Weight** | 60 kg |

## Environment

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|---|---|
| **Standards** | IEC 60947-3 |
| **Product Certifications** | ASEFA<br>ASTA |
| **Ambient Air Temperature For Operation** | -25…70 °C |
| **Ambient Air Temperature For Storage** | -35…85 °C |

## Packing Units

| | |
|---|---|
| **Unit Type Of Package 1** | PCE |
| **Number Of Units In Package 1** | 1 |
| **Package 1 Height** | 30.5 cm |
| **Package 1 Width** | 29.5 cm |
| **Package 1 Length** | 37.5 cm |
| **Package 1 Weight** | 47.392 kg |

## 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-$CO_2$ 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 |
| **Weee** | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins |
| **Circularity Profile** | End of Life Information |