

# Product datasheet

Specifications



## switch-disconnector Masterpact NT12HA - 1250 A - 690 V - 4 poles - fixed

47166

### Main

|   |  |
|---|--|
| Range                                     | MasterPacT                                   |
| Product name                              | MasterPact NT                                |
| Product or component type                 | Switch disconnector                          |
| Device short name                         | MasterPact NT12                              |
| Switch-disconnector name                  | MasterPact NT12HA                            |
| Device application                        | Protection                                   |
| Poles description                         | 4P   |
| Network type                              | AC   |
| Network frequency                         | 50/60 Hz                                     |
| [Ie] rated operational current            | 1250 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   |

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

|                              |   |
|------------------------------|---|
| <b>Electrical durability</b> | 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 |
| <b>Connection pitch</b>      | 70 mm   |
| <b>Height</b>                | 301 mm  |
| <b>Width</b>                 | 346 mm  |
| <b>Depth</b>                 | 196 mm  |
| <b>Net weight</b>            | 18 kg   |

## Environment

|  |               |
|--|---------------|
| <b>Standards</b>                             | IEC 60947-3   |
| <b>Product certifications</b>                | LCIE<br>ASEFA |
| <b>Ambient air temperature for operation</b> | -5...70 °C    |
| <b>Ambient air temperature for storage</b>   | -40...85 °C   |

## Packing Units

|                                     |           |
|-------------------------------------|-----------|
| <b>Unit Type of Package 1</b>       | PCE       |
| <b>Number of Units in Package 1</b> | 1         |
| <b>Package 1 Height</b>             | 41.0 cm   |
| <b>Package 1 Width</b>              | 39.0 cm   |
| <b>Package 1 Length</b>             | 30.0 cm   |
| <b>Package 1 Weight</b>             | 19.242 kg |

## Contractual warranty

|                             |    |
|-----------------------------|----|
| <b>Warranty (in months)</b> | 18 |
|-----------------------------|----|



## 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                       | 1 032 kg CO2 eq.                              |
| Environmental Disclosure                               | <a href="#">Product Environmental Profile</a> |
| Carbon footprint of the manufacturing phase [A1 to A3] | 215 kg CO2 eq.                                |
| Carbon footprint of the distribution phase [A4]        | 4 kg CO2 eq.                                  |
| Carbon footprint of the installation phase [A5]        | 16 kg CO2 eq.                                 |
| Carbon footprint of the use phase [B2, B3, B4, B6]     | 747 kg CO2 eq.                                |
| Carbon footprint of the end-of-life phase [C1 to C4]   | 49 kg CO2 eq.                                 |

## Use Better



### Materials and Substances

|  |   |
|--|---|
| Packaging made with recycled cardboard | Yes   |
| Packaging without single use plastic   | No, we have minimized the use of plastic in the packaging in compliance with regulations and considering quality and safety standards |
| <a href="#">EU RoHS Directive</a>      | Compliant with Exemptions   |
| SCIP Number                            | 27fdc503-4522-4881-a1c6-58cfc3a5b0b0  |
| REACH Regulation                       | <a href="#">REACH Declaration</a>   |
| Halogen-free status                    | Halogen free plastic parts product  |
| PVC free                               | Yes   |
| Silicone-free                          | No  |

## Use Longer




### Lifetime extension

|        |    |
|--------|----|
| Repair | No |
|--------|----|

## Use Again



### Repack and remanufacture

|                                 |   |
|---------------------------------|---|
| Recyclability potential, in %   | 70  |
| End of life manual availability | <a href="#">End of Life Information</a>   |
| 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 |

