

# Product datasheet

Specifications



switch-disconnector Masterpact  
NW20HADC-E - 2000 A - 900 V -  
4 poles - fixed

48880

Price: 217,747.41 ZAR

## Main

|                                        |                                        |
|----------------------------------------|----------------------------------------|
| Range                                  | MasterPacT                             |
| Product Name                           | MasterPact NW DC                       |
| Product Or Component Type              | Switch disconnecter                    |
| Device Short Name                      | MasterPact NW20HADC-E                  |
| Switch-Disconnecter Name               | MasterPact NW20HADC-E                  |
| Device Application                     | Direct current                         |
| Poles Description                      | 4P                                     |
| Network Type                           | DC                                     |
| [Ie] Rated Operational Current         | 2000 A DC 500/900 V                    |
| [Ui] Rated Insulation Voltage          | 1000 V DC conforming to IEC 60947-3    |
| [Uimp] Rated Impulse Withstand Voltage | 12 kV conforming to IEC 60947-3        |
| [Ue] Rated Operational Voltage         | 500/900 V DC 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                       | 4 conforming to IEC 60664-1            |

## Complementary

|                       |                                                                                                                                          |
|-----------------------|------------------------------------------------------------------------------------------------------------------------------------------|
| Control Type          | Push-button                                                                                                                              |
| Mounting Mode         | Fixed                                                                                                                                    |
| Operating Rate        | 10 cyc/h maximum                                                                                                                         |
| Mechanical Durability | 10000 cycles without maintenance conforming to IEC 60947-3<br>20000 cycles with maintenance conforming to IEC 60947-3                    |
| Electrical Durability | 2000 cycles 900 V DC without maintenance conforming to IEC 60947-3<br>5000 cycles 500 V DC without maintenance conforming to IEC 60947-3 |
| Connection Pitch      | 115 mm                                                                                                                                   |
| Height                | 352 mm                                                                                                                                   |
| Width                 | 537 mm                                                                                                                                   |
| Depth                 | 427 mm                                                                                                                                   |
| Net Weight            | 106 kg                                                                                                                                   |

Excluding VAT and subject to change. Please check with your local distributor through "Where to buy"

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

## Environment

|                                       |               |
|---------------------------------------|---------------|
| Standards                             | IEC 60947-3   |
| Product Certifications                | ASTA<br>ASEFA |
| Ip Degree Of Protection               | IP30          |
| 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             | 50.0 cm |
| Package 1 Width              | 50.0 cm |
| Package 1 Length             | 60.0 cm |
| Package 1 Weight             | 44.0 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<sub>2</sub> 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](#)

## Certifications & Standards

|                          |                                                                                                                       |
|--------------------------|-----------------------------------------------------------------------------------------------------------------------|
| Reach Regulation         | <a href="#">REACH Declaration</a>                                                                                     |
| Eu Rohs Directive        | Compliant with Exemptions                                                                                             |
| China Rohs Regulation    | <a href="#">China RoHS declaration</a><br>Product out of China RoHS scope. Substance declaration for your information |
| Environmental Disclosure | <a href="#">Product Environmental Profile</a>                                                                         |
| Circularity Profile      | <a href="#">End of Life Information</a>                                                                               |