

# Product datasheet

Specifications



## Switch disconnecter, MasterPact NW25HA, 2500A, 143kA/440VAC 50/60Hz (Icm), 4 poles, drawout

48310

### Main

|                                           |                                              |
|-------------------------------------------|----------------------------------------------|
| Range                                     | MasterPacT                                   |
| Product name                              | MasterPact NW                                |
| Product or component type                 | Switch disconnecter                          |
| Device short name                         | MasterPact NW25                              |
| Switch-disconnector name                  | MasterPact NW25HA                            |
| Device application                        | Protection                                   |
| Poles description                         | 4P                                           |
| Network type                              | AC                                           |
| Network frequency                         | 50/60 Hz                                     |
| [Ie] rated operational current            | 2500 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 | 143 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                          | 4 conforming to IEC 60664-1                  |

### Complementary

|                                          |                                                                                                                                                                                                                                                                     |
|------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Control type                             | Push-button                                                                                                                                                                                                                                                         |
| Mounting mode                            | Drawout                                                                                                                                                                                                                                                             |
| Mounting support                         | Chassis                                                                                                                                                                                                                                                             |
| Operating rate                           | 10 cyc/h maximum                                                                                                                                                                                                                                                    |
| [Icw] rated short-time withstand current | 65 kA during 1 s conforming to IEC 60947-3<br>55 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: 2500 cycles 690 V AC 50/60 Hz without maintenance conforming to IEC 60947-3<br>AC-23A: 5000 cycles 440 V AC 50/60 Hz 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

|                  |        |
|------------------|--------|
| Connection pitch | 115 mm |
| Height           | 352 mm |
| Width            | 537 mm |
| Depth            | 297 mm |
| Net weight       | 80 kg  |

## Environment

|                                       |               |
|---------------------------------------|---------------|
| 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             | 49.5 cm   |
| Package 1 Weight             | 49.514 kg |

## Logistical informations

|                   |    |
|-------------------|----|
| Country of origin | FR |
|-------------------|----|

## Contractual warranty

|                      |    |
|----------------------|----|
| Warranty (in months) | 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                                                                          | 4 078 kg CO2 eq.                              |
| Environmental Disclosure                                                                                  | <a href="#">Product Environmental Profile</a> |
| Carbon footprint of the manufacturing phase [A1 to A3]                                                    | 582 kg CO2 eq.                                |
| Carbon footprint of the distribution phase [A4]                                                           | 14 kg CO2 eq.                                 |
| Carbon footprint of the installation phase [A5]                                                           | 20 kg CO2 eq.                                 |
| Carbon footprint of the use phase [B2, B3, B4, B6]                                                        | 3 253 kg CO2 eq.                              |
| Carbon footprint of the end-of-life phase [C1 to C4]                                                      | 209 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 |
| SCIP Number                                                                                                 | 6a3c1e0b-44cb-4a11-80eb-a083722777c1                                                                                                  |
| EU RoHS Directive                                                                                           | <a href="#">Compliant By Exemption</a>                                                                                                |
| REACH Regulation                                                                                            | <a href="#">Reference contains Substances of Very High Concern above the threshold</a>                                                |
| Halogen-free status                                                                                         | Product contains halogen above thresholds                                                                                             |
| PVC free                                                                                                    | Yes                                                                                                                                   |
| Silicone-free                                                                                               | No                                                                                                                                    |

Use Longer

|  Lifetime extension |    |
|--------------------------------------------------------------------------------------------------------|----|
| Repair                                                                                                 | No |

Use Again

|  Repack and remanufacture |                                                                                                                                                                                                                 |
|--------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Recyclability potential, in %                                                                                | 69                                                                                                                                                                                                              |
| End of life manual availability                                                                              | <a href="#">End of Life Information</a>                                                                                                                                                                         |
| Take-back                                                                                                    | Yes                                                                                                                                                                                                             |
| WEEE Label                                                                                                   |  The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins |

