



### Main

|                           |                               |
|---------------------------|-------------------------------|
| Range of product          | Masterpact NW                 |
| Product or component type | Basic frame                   |
| Device short name         | Masterpact NW25               |
| Circuit breaker name      | Masterpact NW25H3             |
| Poles description         | 3P                            |
| Network type              | AC                            |
| Breaking capacity code    | H3                            |
| Suitability for isolation | Yes conforming to IEC 60947-2 |
| Utilisation category      | Category B                    |

### Complementary

|                                           |                                                                                                                                                                                                                                                                                                                           |
|-------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Network frequency                         | 50/60 Hz                                                                                                                                                                                                                                                                                                                  |
| Control type                              | Push-button                                                                                                                                                                                                                                                                                                               |
| Mounting mode                             | Drawout                                                                                                                                                                                                                                                                                                                   |
| [In] rated current                        | 2500 A at 40 °C                                                                                                                                                                                                                                                                                                           |
| [Ui] rated insulation voltage             | 1000 V AC 50/60 Hz conforming to IEC 60947-2                                                                                                                                                                                                                                                                              |
| [Uimp] rated impulse withstand voltage    | 12 kV conforming to IEC 60947-2                                                                                                                                                                                                                                                                                           |
| [Icm] rated short-circuit making capacity | 220 kA 690 V AC at 50/60 Hz<br>286 kA 525 V AC at 50/60 Hz                                                                                                                                                                                                                                                                |
| [Ue] rated operational voltage            | 690 V AC 50/60 Hz conforming to IEC 60947-2                                                                                                                                                                                                                                                                               |
| Circuit breaker CT rating                 | 2500 A                                                                                                                                                                                                                                                                                                                    |
| Breaking capacity                         | 150 kA Icu at 220...240 V AC 50/60 Hz conforming to IEC 60947-2<br>150 kA Icu at 380...415 V AC 50/60 Hz conforming to IEC 60947-2<br>100 kA Icu at 690 V AC 50/60 Hz conforming to IEC 60947-2<br>130 kA Icu at 525 V AC 50/60 Hz conforming to IEC 60947-2<br>150 kA Icu at 440 V AC 50/60 Hz conforming to IEC 60947-2 |
| [Ics] rated service breaking capacity     | 100 kA at 690 V AC 50/60 Hz conforming to IEC 60947-2<br>130 kA at 525 V AC 50/60 Hz conforming to IEC 60947-2                                                                                                                                                                                                            |
| Protection type                           | Without protection                                                                                                                                                                                                                                                                                                        |
| Mechanical durability                     | 10000 Cycles without maintenance conforming to IEC 60947-2<br>20000 cycles with maintenance conforming to IEC 60947-2                                                                                                                                                                                                     |
| Electrical durability                     | 1250 Cycles 440 V AC 50/60 Hz without maintenance conforming to IEC 60947-2<br>1250 cycles 690 V AC 50/60 Hz without maintenance conforming to IEC 60947-2                                                                                                                                                                |
| Connection pitch                          | 115 mm                                                                                                                                                                                                                                                                                                                    |
| [Icw] rated short-time withstand current  | 65 kA 1 s conforming to IEC 60947-2<br>65 kA 3 s conforming to IEC 60947-2                                                                                                                                                                                                                                                |
| Integral instant protection               | 135...165 kA                                                                                                                                                                                                                                                                                                              |
| Maximum breaking time                     | 25 ms                                                                                                                                                                                                                                                                                                                     |
| Maximum closing response time             | 70 ms                                                                                                                                                                                                                                                                                                                     |
| Height                                    | 439 mm                                                                                                                                                                                                                                                                                                                    |
| Width                                     | 441 mm                                                                                                                                                                                                                                                                                                                    |
| Depth                                     | 394.5 mm                                                                                                                                                                                                                                                                                                                  |

## Environment

|                                       |                             |
|---------------------------------------|-----------------------------|
| Standards                             | IEC 60947-2                 |
| Product certifications                | ASTA<br>ASEFA               |
| Pollution degree                      | 4 conforming to IEC 60664-1 |
| Ambient air temperature for operation | -25...70 °C                 |
| Ambient air temperature for storage   | -40...85 °C                 |

## Offer Sustainability

|                            |                                                                                                                                 |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| Sustainable offer status   | Green Premium product                                                                                                           |
| REACH Regulation           |  <a href="#">REACH Declaration</a>             |
| EU RoHS Directive          | Compliant  <a href="#">EU RoHS Declaration</a> |
| Mercury free               | Yes                                                                                                                             |
| RoHS exemption information |  <a href="#">Yes</a>                           |
| China RoHS Regulation      |  <a href="#">China RoHS Declaration</a>        |
| Environmental Disclosure   |  <a href="#">Product Environmental Profile</a> |
| Circularity Profile        |  <a href="#">End Of Life Information</a>       |
| WEEE                       | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins     |
| PVC free                   | Yes                                                                                                                             |

## Contractual warranty

|          |           |
|----------|-----------|
| Warranty | 18 months |
|----------|-----------|