



### Main

|                           |                               |
|---------------------------|-------------------------------|
| Range of product          | Masterpact NT                 |
| Product or component type | Basic frame                   |
| Device short name         | Masterpact NT08               |
| Circuit breaker name      | Masterpact NT08L1             |
| Poles description         | 4P                            |
| Neutral position          | Left                          |
| Network type              | AC                            |
| Breaking capacity code    | L1                            |
| Suitability for isolation | Yes conforming to IEC 60947-2 |
| Utilisation category      | Category A                    |

### Complementary

|                                           |                                                                                                                                                                                                                                                                                                                                                                                                                               |
|-------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Network frequency                         | 50/60 Hz                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Control type                              | Push-button                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Mounting mode                             | Fixed                                                                                                                                                                                                                                                                                                                                                                                                                         |
| [In] rated current                        | 800 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 525 V AC at 50/60 Hz<br>286 KA 440 V AC at 50/60 Hz<br>330 KA 220/415 V AC at 50/60 Hz<br>52 kA 690 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                 | 800 A                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Breaking capacity                         | 100 KA Icu at 525 V AC 50/60 Hz conforming to IEC 60947-2<br>130 KA Icu at 440 V AC 50/60 Hz conforming to IEC 60947-2<br>25 KA Icu at 690 V AC 50/60 Hz conforming to IEC 60947-2<br>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                                                                                                      |
| [Ics] rated service breaking capacity     | 100 KA at 525 V AC 50/60 Hz conforming to IEC 60947-2<br>130 KA at 440 V AC 50/60 Hz conforming to IEC 60947-2<br>150 KA at 220/415 V AC 50/60 Hz conforming to IEC 60947-2<br>25 kA at 690 V AC 50/60 Hz conforming to IEC 60947-2                                                                                                                                                                                           |
| Protection type                           | Without protection                                                                                                                                                                                                                                                                                                                                                                                                            |
| Mechanical durability                     | 12500 cycles without maintenance conforming to IEC 60947-2                                                                                                                                                                                                                                                                                                                                                                    |
| Electrical durability                     | AC-23A: 3000 cycles 690 V AC 50/60 Hz without maintenance conforming to IEC 60947-2<br>AC-23A: 6000 cycles 440 V AC 50/60 Hz without maintenance conforming to IEC 60947-2<br>AC-3: 6000 cycles 440 V AC 50/60 Hz without maintenance conforming to IEC 60947-2<br>2000 Cycles 690 V AC 50/60 Hz without maintenance conforming to IEC 60947-2<br>3000 cycles 440 V AC 50/60 Hz without maintenance conforming to IEC 60947-2 |
| Connection pitch                          | 70 mm                                                                                                                                                                                                                                                                                                                                                                                                                         |
| [Icw] rated short-time withstand current  | 10 kA 0.5 s conforming to IEC 60947-2                                                                                                                                                                                                                                                                                                                                                                                         |
| Integral instant protection               | 7.2...8.8 kA                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Maximum breaking time                     | 9 ms                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Maximum closing response time             | 50 ms                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Height                                    | 301 mm                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Width                                     | 346 mm                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Depth                                     | 196 mm                                                                                                                                                                                                                                                                                                                                                                                                                        |

## Environment

|                                       |                             |
|---------------------------------------|-----------------------------|
| Standards                             | IEC 60947-2                 |
| Product certifications                | ASEFA<br>LCIE               |
| Pollution degree                      | 3 conforming to IEC 60664-1 |
| Ambient air temperature for operation | -25...70 °C                 |
| Ambient air temperature for storage   | -40...85 °C                 |

## Packing Units

|                              |           |
|------------------------------|-----------|
| Unit Type of Package 1       | PCE       |
| Number of Units in Package 1 | 1         |
| Package 1 Weight             | 21.492 kg |
| Package 1 Height             | 40 cm     |
| Package 1 width              | 30 cm     |
| Package 1 Length             | 40 cm     |

## 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>       |
| PVC free                   | Yes                                                                                                                               |

## Contractual warranty

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