



### Main

|                           |                               |
|---------------------------|-------------------------------|
| Range of product          | MasterPact MTZ2               |
| Range                     | MasterPact                    |
| Product name              | MasterPact MTZ2 20            |
| Device short name         | MasterPact MTZ2 20            |
| Product or component type | Basic frame                   |
| Device application        | Distribution                  |
| Poles description         | 3P                            |
| Network type              | AC                            |
| Breaking capacity code    | H1                            |
| 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                             | Fixed   |
| [In] rated current                        | 2000 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 | 143 KA 220/415 V AC at 50/60 Hz<br>143 KA 440 V AC at 50/60 Hz<br>143 KA 525 V AC at 50/60 Hz<br>143 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                 | 2000 A  |
| Breaking capacity                         | 65 KA Icu at 220/415 V AC 50/60 Hz conforming to IEC 60947-2<br>65 KA Icu at 440 V AC 50/60 Hz conforming to IEC 60947-2<br>65 KA Icu at 525 V AC 50/60 Hz conforming to IEC 60947-2<br>65 kA Icu at 690 V AC 50/60 Hz conforming to IEC 60947-2  |
| [Ics] rated service breaking capacity     | 65 KA at 220/415 V AC 50/60 Hz conforming to IEC 60947-2<br>65 KA at 440 V AC 50/60 Hz conforming to IEC 60947-2<br>65 KA at 525 V AC 50/60 Hz conforming to IEC 60947-2<br>65 kA at 690 V AC 50/60 Hz conforming to IEC 60947-2  |
| Mechanical durability                     | 10000 Cycles without maintenance conforming to IEC 60947-2<br>20000 cycles with maintenance conforming to IEC 60947-2   |
| Electrical durability                     | AC-3: 6000 cycles 440/690 V AC 50/60 Hz without maintenance conforming to IEC 60947-2<br>6000 Cycles 690 V AC 50/60 Hz without maintenance conforming to IEC 60947-2<br>8000 Cycles 440 V AC 50/60 Hz without maintenance conforming to IEC 60947-2<br>AC-23A: 6000 cycles 690 V AC 50/60 Hz without maintenance conforming to IEC 60947-2<br>AC-23A: 8000 cycles 440 V AC 50/60 Hz without maintenance conforming to IEC 60947-2 |
| Connection pitch                          | 115 mm  |
| [Icw] rated short-time withstand current  | 36 KA 3 s conforming to IEC 60947-2<br>65 kA 1 s conforming to IEC 60947-2  |
| Maximum breaking time                     | 25 ms   |
| Maximum closing response time             | 70 ms   |
| Height                                    | 352 mm  |
| Width                                     | 422 mm  |
| Depth                                     | 300 mm  |

## Environment

|                                       |                             |
|---------------------------------------|-----------------------------|
| Standards                             | IEC 60947-2                 |
| 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 Height             | 35.2 cm |
| Package 1 Width              | 42.2 cm |
| Package 1 Length             | 30.0 cm |
| Package 1 Weight             | 80.0 kg |

## Offer Sustainability

|                            |  |
|----------------------------|--|
| Sustainable offer status   | Green Premium product  |
| REACH Regulation           |  <a href="#">REACH Declaration</a>              |
| EU RoHS Directive          | Compliant with Exemptions  |
| Mercury free               | Yes  |
| China RoHS Regulation      |  <a href="#">China RoHS Declaration</a>         |
| RoHS exemption information |  <a href="#">Yes</a>                            |
| Environmental Disclosure   |  <a href="#">Product Environmental Profile</a> |
| Circularity Profile        |  <a href="#">End Of Life Information</a>      |
| PVC free                   | Yes  |