



Main

|                           |                               |
|---------------------------|-------------------------------|
| Range                     | Masterpact                    |
| Product name              | Masterpact MTZ2               |
| Device short name         | MTZ2 08 L1                    |
| Product or component type | Circuit breaker               |
| Device application        | Protection                    |
| Poles description         | 4P                            |
| Neutral position          | Left                          |
| Network type              | AC                            |
| Network frequency         | 50/60 Hz                      |
| Breaking capacity code    | L1                            |
| Suitability for isolation | Yes conforming to IEC 60947-2 |
| Selectivity category      | Category B                    |

Complementary

|   |  |
|---|--|
| Control type                              | Push-button  |
| Mounting mode                             | Drawout  |
| Mounting support                          | Base plate<br>Rails  |
| [In] rated current                        | 800 A at 40 °C   |
| [Ui] rated insulation voltage             | 1000 V AC 50/60 Hz conforming to IEC 60947-2   |
| [Uiimp] rated impulse withstand voltage   | 12 kV conforming to IEC 60947-2  |
| [Icm] rated short-circuit making capacity | 330 KA 220/415 V AC at 50/60 Hz<br>330 KA 440 V AC at 50/60 Hz<br>286 KA 500/525 V AC at 50/60 Hz<br>220 KA 660/690 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  |
| Performance level                         | 150 KA Icu at 220/415 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<br>130 KA Icu at 500/525 V AC 50/60 Hz conforming to IEC 60947-2<br>100 kA Icu at 660/690 V AC 50/60 Hz conforming to IEC 60947-2 |
| [Ics] rated service breaking capacity     | 150 KA at 220/415 V AC 50/60 Hz conforming to IEC 60947-2<br>150 KA at 440 V AC 50/60 Hz conforming to IEC 60947-2<br>130 KA at 500/525 V AC 50/60 Hz conforming to IEC 60947-2<br>100 kA at 660/690 V AC 50/60 Hz conforming to IEC 60947-2                 |
| Mechanical durability                     | 25000 cycles with periodic preventive maintenance conforming to IEC 60947-2  |
| Electrical durability                     | 3000 Cycles 690 V AC 50/60 Hz conforming to IEC 60947-2<br>3000 cycles 440 V AC 50/60 Hz conforming to IEC 60947-2   |
| Connection pitch                          | 115 mm   |
| [Icw] rated short-time withstand current  | 30 KA 0.5 s conforming to IEC 60947-2<br>30 KA 1 s conforming to IEC 60947-2<br>30 kA 3 s conforming to IEC 60947-2  |
| Integral instant protection               | 72...88 kA   |
| Maximum breaking time                     | 10 ms  |
| Maximum closing response time             | 70 ms  |
| Height                                    | Drawout circuit breaker without chassis: 300 mm<br>Drawout circuit breaker with chassis: 439 mm  |
| Width                                     | Drawout circuit breaker without chassis: 493 mm<br>Drawout circuit breaker with chassis: 556 mm  |
| Depth                                     | Drawout circuit breaker without chassis: 300 mm<br>Drawout circuit breaker with chassis: 403 mm  |

## Environment

|                                       |                              |
|---------------------------------------|------------------------------|
| Standards                             | IEC 60947-2<br>IEC 60364-8-1 |
| Product certifications                | ASEFA                        |
| Pollution degree                      | 3 conforming to IEC 60947-1  |
| 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             | 51.182 kg |
| Package 1 Height             | 33 cm     |
| Package 1 width              | 52 cm     |
| Package 1 Length             | 30 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 |  Yes   |
| 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   |