



### Main

|                           |                               |
|---------------------------|-------------------------------|
| Range                     | Masterpact                    |
| Product name              | Masterpact MTZ3               |
| Device short name         | MTZ3 63 H2                    |
| 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    | H2                            |
| Suitability for isolation | Yes conforming to IEC 60947-2 |
| Selectivity category      | Category B                    |

### Complementary

|                                           |                                                                                                                                                                                                                                                                                                                               |
|-------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Control type                              | Push-button                                                                                                                                                                                                                                                                                                                   |
| Mounting mode                             | Drawout                                                                                                                                                                                                                                                                                                                       |
| Mounting support                          | Rails<br>Base plate                                                                                                                                                                                                                                                                                                           |
| [In] rated current                        | 6300 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 | 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                 | 6300 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                     | 10000 cycles with periodic preventive maintenance conforming to IEC 60947-2                                                                                                                                                                                                                                                   |
| Electrical durability                     | AC-3: 6000 cycles 440/690 V AC 50/60 Hz conforming to IEC 60947-3<br>1500 Cycles 440 V AC 50/60 Hz conforming to IEC 60947-2<br>1500 Cycles 690 V AC 50/60 Hz conforming to IEC 60947-2<br>AC-23A: 1500 cycles 440 V AC 50/60 Hz conforming to IEC 60947-3<br>AC-23A: 1500 cycles 690 V AC 50/60 Hz conforming to IEC 60947-3 |
| Connection pitch                          | 230 mm                                                                                                                                                                                                                                                                                                                        |
| [Icw] rated short-time withstand current  | 100 KA 0.5 s conforming to IEC 60947-2<br>100 KA 1 s conforming to IEC 60947-2<br>100 kA 3 s conforming to IEC 60947-2                                                                                                                                                                                                        |
| Integral instant protection               | 243...297 kA                                                                                                                                                                                                                                                                                                                  |
| Maximum breaking time                     | 25 ms                                                                                                                                                                                                                                                                                                                         |
| Maximum closing response time             | 80 ms                                                                                                                                                                                                                                                                                                                         |
| Height                                    | Drawout circuit breaker without chassis: 300 mm<br>Drawout circuit breaker with chassis: 479 mm                                                                                                                                                                                                                               |

|       |                                                                                                  |
|-------|--------------------------------------------------------------------------------------------------|
| Width | Drawout circuit breaker without chassis: 838 mm<br>Drawout circuit breaker with chassis: 1016 mm |
| Depth | Drawout circuit breaker without chassis: 300 mm<br>Drawout circuit breaker with chassis: 403 mm  |

## Environment

|                                       |                              |
|---------------------------------------|------------------------------|
| Standards                             | IEC 60364-8-1<br>IEC 60947-2 |
| 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                  |

## 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                                                                                                                             |