



### Main

|                           |                       |
|---------------------------|-----------------------|
| Range                     | Masterpact            |
| Product or component type | Switch disconnector   |
| Device application        | Distribution          |
| Switch-disconnector name  | Masterpact MTZ2 16 HA |
| Poles description         | 3P                    |
| Network type              | AC                    |
| Network frequency         | 50/60 Hz              |

### Complementary

|                                           |                                                                                                                                                                                                                                                                                    |
|-------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Control type                              | Push-button                                                                                                                                                                                                                                                                        |
| Mounting mode                             | Drawout                                                                                                                                                                                                                                                                            |
| Mounting support                          | Chassis                                                                                                                                                                                                                                                                            |
| [Ue] rated operational voltage            | 690 V AC 50/60 Hz conforming to EN/IEC 60947-3                                                                                                                                                                                                                                     |
| [Ie] rated operational current            | 1600 A AC 50/60 Hz 690 V                                                                                                                                                                                                                                                           |
| [Ui] rated insulation voltage             | 1000 V AC 50/60 Hz conforming to EN/IEC 60947-3                                                                                                                                                                                                                                    |
| [Uimp] rated impulse withstand voltage    | 12 kV conforming to EN/IEC 60947-3                                                                                                                                                                                                                                                 |
| [Icw] rated short-time withstand current  | 36 kA during 3 s conforming to EN/IEC 60947-3<br>66 kA during 1 s conforming to EN/IEC 60947-3                                                                                                                                                                                     |
| [Icm] rated short-circuit making capacity | 145 kA peak 220...690 V AC at 50/60 Hz                                                                                                                                                                                                                                             |
| Utilisation category                      | AC-23A<br>AC-3                                                                                                                                                                                                                                                                     |
| Breaking capacity                         | 66 kA Icu at 220...690 V AC 50/60 Hz conforming to EN/IEC 60947-2                                                                                                                                                                                                                  |
| [Ics] rated service breaking capacity     | 66 kA at 220...690 V AC 50/60 Hz conforming to EN/IEC 60947-2                                                                                                                                                                                                                      |
| Performance level                         | HA                                                                                                                                                                                                                                                                                 |
| Suitability for isolation                 | Yes conforming to EN/IEC 60947-3                                                                                                                                                                                                                                                   |
| Contact position indicator                | Yes                                                                                                                                                                                                                                                                                |
| Visible break                             | No                                                                                                                                                                                                                                                                                 |
| Mechanical durability                     | 25000 cycles with periodic preventive maintenance conforming to EN/IEC 60947-3                                                                                                                                                                                                     |
| Electrical durability                     | AC-23A: 10000 cycles 440 V AC 50/60 Hz conforming to EN/IEC 60947-3<br>AC-23A: 10000 cycles 690 V AC 50/60 Hz conforming to EN/IEC 60947-3<br>AC-3: 6000 cycles 440 V AC 50/60 Hz conforming to EN/IEC 60947-3<br>AC-3: 6000 cycles 690 V AC 50/60 Hz conforming to EN/IEC 60947-3 |
| Connection pitch                          | 115 mm                                                                                                                                                                                                                                                                             |
| Height                                    | 439 mm                                                                                                                                                                                                                                                                             |
| Width                                     | 441 mm                                                                                                                                                                                                                                                                             |
| Depth                                     | 403 mm                                                                                                                                                                                                                                                                             |

### Environment

|                         |                                  |
|-------------------------|----------------------------------|
| Net weight              | 90 kg                            |
| Standards               | EN/IEC 60947-3                   |
| Product certifications  | IECEE CB Scheme                  |
| IP degree of protection | IP30                             |
| Pollution degree        | 3 conforming to EN/IEC 60947-4-1 |

|                                       |             |
|---------------------------------------|-------------|
| 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                                           |

## Contractual warranty

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