

# Product datasheet

Specifications



## Switch-disconnector Masterpact MTZ1 08 HA - 800 A - 4P drawout

LV847251

### Main

|                           |                       |
|---------------------------|-----------------------|
| Range                     | Masterpact            |
| Product or component type | Switch disconnector   |
| Device application        | Distribution          |
| Switch-disconnector name  | MasterPact MTZ1 08 HA |
| Poles description         | 4P                    |
| Network type              | AC                    |
| Network frequency         | 50/60 Hz              |

### Complementary

|                                           |                                                                                                                      |
|-------------------------------------------|----------------------------------------------------------------------------------------------------------------------|
| Control type                              | Push-button                                                                                                          |
| Mounting mode                             | Drawout                                                                                                              |
| Mounting support                          | Chassis                                                                                                              |
| Upside connection                         | Front                                                                                                                |
| Downside connection                       | Front                                                                                                                |
| [Ue] rated operational voltage            | 690 V AC 50/60 Hz conforming to EN/IEC 60947-3                                                                       |
| [Ie] rated operational current            | 800 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  | 20 kA during 3 s conforming to EN/IEC 60947-3<br>36 kA during 0.5 s conforming to EN/IEC 60947-3<br>36 kA during 1 s |
| [Icm] rated short-circuit making capacity | 75 kA peak 220...690 V AC at 50/60 Hz                                                                                |
| Utilisation category                      | AC-23A<br>AC-3                                                                                                       |
| Performance level                         | HA                                                                                                                   |
| Suitability for isolation                 | Yes conforming to EN/IEC 60947-3                                                                                     |
| Contact position indicator                | Yes                                                                                                                  |
| Visible break                             | No                                                                                                                   |
| Mechanical durability                     | 12500 cycles with periodic preventive maintenance conforming to EN/IEC 60947-3                                       |
| Electrical durability                     | AC-23A: 6000 cycles 440 V AC 50/60 Hz conforming to EN/IEC 60947-3                                                   |

|                                                                                                                                        |                                                                                                                       |
|----------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|
| AC-23A: 3000 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 |                                                                                                                       |
| Connection pitch                                                                                                                       | 70 mm                                                                                                                 |
| Height                                                                                                                                 | 322 mm                                                                                                                |
| Width                                                                                                                                  | 358 mm                                                                                                                |
| Depth                                                                                                                                  | 291 mm                                                                                                                |
| <b>Environment</b>                                                                                                                     |                                                                                                                       |
| Net weight                                                                                                                             | 39 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                                                                                                           |
| <b>Packing Units</b>                                                                                                                   |                                                                                                                       |
| Unit Type of Package 1                                                                                                                 | PCE                                                                                                                   |
| Number of Units in Package 1                                                                                                           | 1                                                                                                                     |
| Package 1 Weight                                                                                                                       | 21.375 kg                                                                                                             |
| Package 1 Height                                                                                                                       | 41 cm                                                                                                                 |
| Package 1 width                                                                                                                        | 39 cm                                                                                                                 |
| Package 1 Length                                                                                                                       | 30 cm                                                                                                                 |
| <b>Offer Sustainability</b>                                                                                                            |                                                                                                                       |
| Sustainable offer status                                                                                                               | Green Premium product                                                                                                 |
| REACH Regulation                                                                                                                       | <a href="#">REACH Declaration</a>                                                                                     |
| EU RoHS Directive                                                                                                                      | Compliant<br><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><br>Product out of China RoHS scope. Substance declaration for your information |
| Environmental Disclosure                                                                                                               | <a href="#">Product Environmental Profile</a>                                                                         |
| Circularity Profile                                                                                                                    | <a href="#">End of Life Information</a>                                                                               |
| <b>Contractual warranty</b>                                                                                                            |                                                                                                                       |
| Warranty                                                                                                                               | 18 months                                                                                                             |