# Product data sheet
## Characteristics

# LV848053
## Switch-disconnector Masterpact MTZ2 16 NA - 1600 A - 4P fixed

Green Premium™ Product

## Main

| | |
|---|---|
| Range | Masterpact |
| Product or component type | Switch disconnector |
| Device application | Distribution |
| Switch-disconnector name | Masterpact MTZ2 16 NA |
| Poles description | 4P |
| Network type | AC |
| Network frequency | 50/60 Hz |

## Complementary

| | |
|---|---|
| Control type | Push-button |
| Mounting mode | Fixed |
| [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 | 42 KA during 1 s conforming to EN/IEC 60947-3<br>Conforming to EN/IEC 60947-3 |
| [Icm] rated short-circuit making capacity | 88 kA peak 220...690 V AC at 50/60 Hz |
| Utilisation category | AC-23A<br>AC-3 |
| Performance level | NA |
| 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 | 352 mm |
| Width | 537 mm |
| Depth | 300 mm |

## Environment

| | |
|---|---|
| Net weight | 65 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 | REACh Declaration |
| EU RoHS Directive | Compliant  EU RoHS Declaration |
| Mercury free | Yes |
| RoHS exemption information | Yes |
| China RoHS Regulation | China RoHS Declaration |
| Environmental Disclosure | Product Environmental Profile |
| Circularity Profile | End Of Life Information |
| PVC free | Yes |

## Contractual warranty

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

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