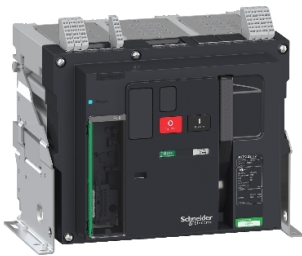


Product datasheet

Specifications



Circuit breaker Masterpact MTZ2 32H2 - 3200 A - 3P fixed - w/o Micrologic

LV848083

Main

| | |
|--------------------------------|--|
| Range | MasterPacT |
| Product Name | MasterPact MTZ2 |
| Device Short Name | MTZ2 32 H2 |
| Product Or Component Type | Circuit breaker |
| Device Application | Power distribution protection |
| Poles Description | 3P |
| Control Unit | Without control unit |
| Product Compatibility | control unit MicroLogic 2.0 X control unit MicroLogic 5.0 X control unit MicroLogic 6.0 X control unit MicroLogic 7.0 X control unit MicroLogic 2.0 Xi control unit MicroLogic 5.0 Xi control unit MicroLogic 6.0 Xi control unit MicroLogic 7.0 Xi |
| [In] Rated Current | 3200 A at 40 °C |
| Performance Type | H2 100 kA 415 V AC |
| [Ue] Rated Operational Voltage | 690 V AC 50/60 Hz |
| Suitability For Isolation | Yes conforming to EN/IEC 60947-2 |
| Selectivity Category | Category B |
| Control Type | Push-button |
| Mounting Mode | Fixed |

Complementary

| | |
|--|--|
| [Icu] Rated Ultimate Short-Circuit Breaking Capacity | 100 kA at 220/415 V AC 50/60 Hz 100 kA at 440 V AC 50/60 Hz 85 kA at 500/525 V AC 50/60 Hz 85 kA at 660/690 V AC 50/60 Hz |
| [Ics] Rated Service Breaking Capacity | 100 kA at 220/415 V AC 50/60 Hz 100 kA at 440 V AC 50/60 Hz 85 kA at 500/525 V AC 50/60 Hz 85 kA at 660/690 V AC 50/60 Hz |
| [Icw] Rated Short-Time Withstand Current | 85 kA 0.5 s 85 kA 1 s 75 kA 3 s |
| [Icm] Rated Short-Circuit Making Capacity | 220 kA 220/415 V AC at 50/60 Hz 220 kA 440 V AC at 50/60 Hz 187 kA 500/525 V AC at 50/60 Hz 187 kA 660/690 V AC at 50/60 Hz |
| Integrated Instantaneous Protection (Din In Ka Peak) | 171...209 kA |

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

| | |
|--|--|
| Sensor Rating | 1600 A 2000 A 2500 A 3200 A |
| [Ui] Rated Insulation Voltage | 1000 V AC 50/60 Hz |
| [Uimp] Rated Impulse Withstand Voltage | 12 kV |
| Power Dissipation In W | 420 W |
| Maximum Breaking Time | 25 ms |
| Maximum Closing Response Time | 70 ms |
| Mounting Support | Rails Base plate |
| Upside Connection | Front Rear |
| Downside Connection | Front Rear |
| Connection Pitch | 115 mm |
| Mechanical Durability | 20000 cycles with periodic preventive maintenance |
| Electrical Durability | AC-3: 6000 cycles 440/690 V AC 50/60 Hz conforming to EN/IEC 60947-3 2500 cycles 690 V AC 50/60 Hz conforming to EN/IEC 60947-2 5000 cycles 440 V AC 50/60 Hz conforming to EN/IEC 60947-2 AC-23A: 2500 cycles 690 V AC 50/60 Hz conforming to EN/IEC 60947-3 AC-23A: 5000 cycles 440 V AC 50/60 Hz conforming to EN/IEC 60947-3 |
| Height | 352 mm |
| Width | 422 mm |
| Depth | 300 mm |
| Net Weight | 50 kg |
| Standards | EN/IEC 60947-1 EN/IEC 60947-2 EN/IEC 60947-2 Annex H IEC 61557-12 |
| Product Certifications | CE IECEE CB Scheme |

Environment

| | |
|---------------------------------------|--|
| Ip Degree Of Protection | IP30 conforming to EN 60529 |
| Pollution Degree | 3 conforming to IEC 60947-1 |
| Ambient Air Temperature For Operation | -25...70 °C |
| Ambient Air Temperature For Storage | -40...85 °C |
| Operating Altitude | 0...2000 m without derating 2000...5000 m with derating |

Packing Units

| | |
|------------------------------|-----------|
| Unit Type Of Package 1 | PCE |
| Number Of Units In Package 1 | 1 |
| Package 1 Height | 29.5 cm |
| Package 1 Width | 30.5 cm |
| Package 1 Length | 37.5 cm |
| Package 1 Weight | 47.252 kg |

Sustainability



Green Premium™ label is Schneider Electric’s commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO₂ products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

[Learn more about Green Premium >](#)

[Guide to assess a product’s sustainability >](#)



Transparency RoHS/REACH

Well-being performance

✓

Mercury Free

✓

Rohs Exemption Information

Yes

✓

Pvc Free

Certifications & Standards

| | |
|--------------------------|---|
| Reach Regulation | REACH Declaration |
| Eu Rohs Directive | Compliant with Exemptions |
| China Rohs Regulation | China RoHS declaration Product out of China RoHS scope. Substance declaration for your information |
| Environmental Disclosure | Product Environmental Profile |
| Circularity Profile | End of Life Information |