



Main

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| Range | Masterpact |
| Product name | Masterpact MTZ2 |
| Device short name | MTZ2 16 L1 |
| 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 | L1 |
| Suitability for isolation | Yes conforming to IEC 60947-2 |
| Selectivity category | Category B |

Complementary

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| Control type | Push-button |
| Mounting mode | Drawout |
| Mounting support | Base plate Rails |
| [In] rated current | 1600 A (40 °C) |
| [Ui] rated insulation voltage | 1000 V conforming to IEC 60947-2 AC 50/60 Hz |
| [Uimp] rated impulse withstand voltage | 12 kV conforming to IEC 60947-2 |
| [Icm] rated short-circuit making capacity | 330 kA peak at 220/415 V AC 50/60 Hz 330 kA peak at 440 V AC 50/60 Hz 286 kA peak at 500/525 V AC 50/60 Hz 220 kA peak at 660/690 V AC 50/60 Hz |
| [Ue] rated operational voltage | 690 V conforming to IEC 60947-2 AC 50/60 Hz |
| Circuit breaker CT rating | 1600 A |
| Performance level | 150 kA Icu conforming to IEC 60947-2 at 440 V AC 50/60 Hz 150 kA Icu conforming to IEC 60947-2 at 220/415 V AC 50/60 Hz |

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| | 130 kA Icu conforming to IEC 60947-2 at 500/525 V AC 50/60 Hz 100 kA Icu conforming to IEC 60947-2 at 660/690 V AC 50/60 Hz |
| [Ics] rated service breaking capacity | Ics 150 kA conforming to IEC 60947-2 at 220/415 V AC 50/60 Hz Ics 150 kA conforming to IEC 60947-2 at 440 V AC 50/60 Hz Ics 130 kA conforming to IEC 60947-2 at 500/525 V AC 50/60 Hz Ics 100 kA conforming to IEC 60947-2 at 660/690 V AC 50/60 Hz |
| Mechanical durability | 25000 cycles with periodic preventive maintenance conforming to IEC 60947-2 |
| Electrical durability | 3000 cycles conforming to IEC 60947-2 at 690 V AC 50/60 Hz 3000 cycles conforming to IEC 60947-2 at 440 V AC 50/60 Hz |
| Connection pitch | 115 mm |
| [Icw] rated short-time withstand current | 30 kA (0.5 s) conforming to IEC 60947-2 30 kA (1 s) conforming to IEC 60947-2 30 kA (3 s) conforming to IEC 60947-2 |
| Integral instant protection | 72...88 kA |
| Maximum breaking time | 10 ms |
| Closing response time | <= 70 ms |
| Height | 300 mm drawout circuit breaker without chassis 439 mm drawout circuit breaker with chassis |
| Width | 493 mm drawout circuit breaker without chassis 556 mm drawout circuit breaker with chassis |
| Depth | 300 mm drawout circuit breaker without chassis 403 mm drawout circuit breaker with chassis |

Environment

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| Standards | IEC 60947-2 IEC 60364-8-1 |
| 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

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|----------------------------------|---|
| Sustainable offer status | Green Premium product |
| RoHS (date code: YYWW) | Compliant - since 1649 - Schneider Electric declaration of conformity Schneider Electric declaration of conformity |
| REACH | Reference not containing SVHC above the threshold Reference not containing SVHC above the threshold |
| Product environmental profile | Available Product Environmental Profile |
| Product end of life instructions | Available End of Life Information |