



Main

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|---------------------------|-------------------------------|
| Range of product | Masterpact NW |
| Product or component type | Basic frame |
| Device short name | Masterpact NW08 |
| Circuit breaker name | Masterpact NW08H2 |
| Poles description | 3P |
| Network type | AC |
| Breaking capacity code | H2 |
| Suitability for isolation | Yes conforming to IEC 60947-2 |
| Utilisation category | Category B |

Complementary

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|---|---|
| Network frequency | 50/60 Hz |
| Control type | Push-button |
| Mounting mode | Fixed |
| [In] rated current | 800 A at 40 °C |
| [Ui] rated insulation voltage | 1000 V AC 50/60 Hz conforming to IEC 60947-2 |
| [Uimp] rated impulse withstand voltage | 12 kV conforming to IEC 60947-2 |
| [Icm] rated short-circuit making capacity | 187 kA 525 V AC at 50/60 Hz 187 kA 690 V AC at 50/60 Hz |
| [Ue] rated operational voltage | 690 V AC 50/60 Hz conforming to IEC 60947-2 |
| Circuit breaker CT rating | 800 A |
| Breaking capacity | 85 kA Icu at 525 V AC 50/60 Hz conforming to IEC 60947-2 85 kA Icu at 690 V AC 50/60 Hz conforming to IEC 60947-2 100 kA Icu at 440 V AC 50/60 Hz conforming to IEC 60947-2 100 kA Icu at 220...240 V AC 50/60 Hz conforming to IEC 60947-2 100 kA Icu at 380...415 V AC 50/60 Hz conforming to IEC 60947-2 |
| [Ics] rated service breaking capacity | 85 kA at 525 V AC 50/60 Hz conforming to IEC 60947-2 85 kA at 690 V AC 50/60 Hz conforming to IEC 60947-2 |
| Protection type | Without protection |

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

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|--|---|
| Mechanical durability | 12500 cycles without maintenance conforming to IEC 60947-2 25000 cycles with maintenance conforming to IEC 60947-2 |
| Electrical durability | 10000 cycles 440 V AC 50/60 Hz without maintenance conforming to IEC 60947-2 10000 cycles 690 V AC 50/60 Hz without maintenance conforming to IEC 60947-2 AC-23A: 10000 cycles 440 V AC 50/60 Hz without maintenance conforming to IEC 60947-2 AC-23A: 10000 cycles 690 V AC 50/60 Hz without maintenance conforming to IEC 60947-2 AC-3: 6000 cycles 440/690 V AC 50/60 Hz without maintenance conforming to IEC 60947-2 |
| Connection pitch | 115 mm |
| [Icw] rated short-time withstand current | 50 kA 3 s conforming to IEC 60947-2 85 kA 1 s conforming to IEC 60947-2 |
| Integral instant protection | 171...209 kA |
| Maximum breaking time | 25 ms |
| Maximum closing response time | 70 ms |
| Height | 352 mm |
| Width | 422 mm |
| Depth | 297 mm |

Environment

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|---------------------------------------|-----------------------------|
| Standards | IEC 60947-2 |
| Product certifications | ASEFA ASTA |
| Pollution degree | 4 conforming to IEC 60664-1 |
| 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 |
| REACH Regulation | REACH Declaration |
| EU RoHS Directive | Compliant EU RoHS Declaration |
| Mercury free | Yes |
| RoHS exemption information | Yes |
| 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 |
| WEEE | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins |

Contractual warranty

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| Warranty | 18 months |
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