



Main

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| Range of product | Masterpact NW |
| Product or component type | Basic frame |
| Device short name | Masterpact NW40 |
| Circuit breaker name | Masterpact NW40H1 |
| Poles description | 4P |
| Neutral position | Right |
| Network type | AC |
| Breaking capacity code | H1 |
| 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 | 4000 A (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 | 143 kA 525 V AC 50/60 Hz 143 kA 690 V AC 50/60 Hz |
| [Ue] rated operational voltage | 690 V AC 50/60 Hz conforming to IEC 60947-2 |
| Circuit breaker CT rating | 4000 A |
| Breaking capacity | 65 kA Icu at 440 V AC 50/60 Hz conforming to IEC 60947-2 65 kA Icu at 525 V AC 50/60 Hz conforming to IEC 60947-2 65 kA Icu at 690 V AC 50/60 Hz conforming to IEC 60947-2 65 kA Icu at 220...240 V AC 50/60 Hz conforming to IEC 60947-2 65 kA Icu at 380...415 V AC 50/60 Hz conforming to IEC 60947-2 |
| [Ics] rated service breaking capacity | Ics 65 kA 525 V AC 50/60 Hz conforming to IEC 60947-2 Ics 65 kA 690 V AC 50/60 Hz conforming to IEC 60947-2 |
| Protection type | Without protection |
| Mechanical durability | 10000 cycles without maintenance conforming to IEC 60947-2 20000 cycles with maintenance conforming to IEC 60947-2 |
| Electrical durability | AC-23A : 2500 cycles 690 V AC 50/60 Hz without maintenance conforming to IEC 60947-2 AC-23A : 5000 cycles 440 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
2500 cycles 690 V AC 50/60 Hz without maintenance conforming to IEC 60947-2
5000 cycles 440 V AC 50/60 Hz without maintenance conforming to IEC 60947-2

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| Connection pitch | 150 mm |
| [I _{cw}] rated short-time withstand current | 65 kA (1 s) conforming to IEC 60947-2 65 kA (3 s) conforming to IEC 60947-2 |
| Maximum breaking time | 25 ms |
| Closing response time | < 70 ms |
| Height | 352 mm |
| Width | 537 mm |
| Depth | 297 mm |

Environment

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| Standards | IEC 60947-2 |
| Product certifications | 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 |

Contractual warranty

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| Warranty period | 18 months |
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