



Main

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| Range of product | Masterpact NW |
| Product or component type | Basic frame |
| Device short name | Masterpact NW10 |
| Circuit breaker name | Masterpact NW10N1 |
| Poles description | 4P |
| Neutral position | Left |
| Network type | AC |
| Breaking capacity code | N1 |
| 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 | 1000 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 | 143 KA 525 V AC at 50/60 Hz 143 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 | 1000 A |
| Breaking capacity | 42 KA Icu at 440 V AC 50/60 Hz conforming to IEC 60947-2 42 KA Icu at 525 V AC 50/60 Hz conforming to IEC 60947-2 42 KA Icu at 690 V AC 50/60 Hz conforming to IEC 60947-2 42 KA Icu at 220...240 V AC 50/60 Hz conforming to IEC 60947-2 42 KA Icu at 380...415 V AC 50/60 Hz conforming to IEC 60947-2 |
| [Ics] rated service breaking capacity | 42 KA at 525 V AC 50/60 Hz conforming to IEC 60947-2 42 kA at 690 V AC 50/60 Hz conforming to IEC 60947-2 |
| Protection type | Without protection |
| 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 |
| Connection pitch | 115 mm |
| [Icw] rated short-time withstand current | 22 KA 3 s conforming to IEC 60947-2 42 kA 1 s conforming to IEC 60947-2 |
| Maximum breaking time | 25 ms |
| Maximum closing response time | 70 ms |
| Height | 352 mm |
| Width | 537 mm |
| Depth | 297 mm |

The information provided in this documentation contains general descriptions and/or technical characteristics of the products contained herein. 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. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

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 |
| 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 |
| PVC free | Yes |

Contractual warranty

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| Warranty | 18 months |
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