



Main

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| Range | Masterpact |
| Range of product | Masterpact NW |
| Product name | Masterpact NW |
| Product or component type | Switch disconnector |
| Device short name | Masterpact NW08 |
| Switch-disconnector name | Masterpact NW08HF |
| Device application | Protection |
| Poles description | 4P |
| Network type | AC |
| Network frequency | 50/60 Hz |
| [Ie] rated operational current | 800 A AC 50/60 Hz 690 V |
| [Ui] rated insulation voltage | 1000 V AC 50/60 Hz conforming to IEC 60947-3 |
| [Uimp] rated impulse withstand voltage | 12 kV conforming to IEC 60947-3 |
| [Icm] rated short-circuit making capacity | 187 kA 220...690 V AC 50/60 Hz |
| [Ue] rated operational voltage | 690 V AC 50/60 Hz conforming to IEC 60947-3 |
| Breaking capacity code | HF |
| Suitability for isolation | Yes conforming to IEC 60947-3 |
| Contact position indicator | Yes |
| Visible break | No |
| Pollution degree | 4 conforming to IEC 60664-1 |

Complementary

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| Control type | Push-button |
| Mounting mode | Drawout |
| Mounting support | Chassis |
| Operating rate | 3 cyc/mn |
| [Icw] rated short-time withstand current | 50 kA (3 s) conforming to IEC 60947-3 85 kA (1 s) conforming to IEC 60947-3 |
| Mechanical durability | 12500 cycles without maintenance conforming to IEC 60947-3 25000 cycles with maintenance conforming to IEC 60947-3 |
| Electrical durability | AC-23A : 10000 cycles 440 V AC 50/60 Hz without maintenance conforming to IEC 60947-3 |

AC-23A : 10000 cycles 690 V AC 50/60 Hz without maintenance conforming to IEC 60947-3
AC-3 : 6000 cycles 440/690 V AC 50/60 Hz without maintenance conforming to IEC 60947-3

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|--------------------|--------|
| Connection pitch | 115 mm |
| Height | 352 mm |
| Width | 537 mm |
| Depth | 297 mm |
| Product weight | 80 kg |
| Targeted country | China |
| Compatibility code | NW08 |

Environment

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|---------------------------------------|---------------|
| Standards | IEC 60947-3 |
| Product certifications | ASTA ASEFA |
| Ambient air temperature for operation | -25...70 °C |
| Ambient air temperature for storage | -35...85 °C |

Contractual warranty

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|-----------------|-----------|
| Warranty period | 18 months |
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