



Main

| | |
|---------------------------|-------------------------------|
| Range of product | Masterpact NW |
| Product or component type | Basic frame |
| Device short name | Masterpact NW32 |
| Circuit breaker name | Masterpact NW32H3 |
| Poles description | 4P |
| Neutral position | Left |
| Network type | AC |
| Breaking capacity code | H3 |
| Suitability for isolation | Yes conforming to IEC 60947-2 |
| Utilisation category | Category B |

Complementary

| | |
|---|---|
| Network frequency | 50/60 Hz |
| Control type | Push-button |
| Mounting mode | Drawout |
| [In] rated current | 3200 A at 40 °C |
| [Ui] rated insulation voltage | 1000 V AC 50/60 Hz conforming to IEC 60947-2 |
| [Uiimp] rated impulse withstand voltage | 12 kV conforming to IEC 60947-2 |
| [Icm] rated short-circuit making capacity | 220 KA 690 V AC at 50/60 Hz 286 kA 525 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 | 3200 A |
| Breaking capacity | 150 KA Icu at 220...240 V AC 50/60 Hz conforming to IEC 60947-2 150 KA Icu at 380...415 V AC 50/60 Hz conforming to IEC 60947-2 100 KA Icu at 690 V AC 50/60 Hz conforming to IEC 60947-2 130 KA Icu at 525 V AC 50/60 Hz conforming to IEC 60947-2 150 kA Icu at 440 V AC 50/60 Hz conforming to IEC 60947-2 |
| [Ics] rated service breaking capacity | 100 KA at 690 V AC 50/60 Hz conforming to IEC 60947-2 130 kA at 525 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 | 1250 Cycles 440 V AC 50/60 Hz without maintenance conforming to IEC 60947-2 1250 cycles 690 V AC 50/60 Hz without maintenance conforming to IEC 60947-2 |
| Connection pitch | 115 mm |
| [Icw] rated short-time withstand current | 65 KA 1 s conforming to IEC 60947-2 65 kA 3 s conforming to IEC 60947-2 |
| Integral instant protection | 135...165 kA |
| Maximum breaking time | 25 ms |
| Maximum closing response time | 70 ms |
| Height | 439 mm |
| Width | 556 mm |
| Depth | 394.5 mm |

Environment

| | |
|---------------------------------------|-----------------------------|
| 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 |

Packing Units

| | |
|------------------------------|-----------|
| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Weight | 53.251 kg |
| Package 1 Height | 30.5 cm |
| Package 1 width | 29.5 cm |
| Package 1 Length | 49.5 cm |

Offer Sustainability

| | |
|----------------------------|---|
| 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

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