



### Main

|   |  |
|---|--|
| Range                                     | Masterpact                                   |
| Range of product                          | Masterpact NW                                |
| Product name                              | Masterpact NW                                |
| Product or component type                 | Switch disconnector                          |
| Device short name                         | Masterpact NW10                              |
| Switch-disconnector name                  | Masterpact NW10HA                            |
| Device application                        | Protection                                   |
| Poles description                         | 3P   |
| Network type                              | AC   |
| Network frequency                         | 50/60 Hz                                     |
| [Ie] rated operational current            | 1000 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 | 105 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                    | HA   |
| 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

|  |   |
|--|---|
| Control type                             | Push-button   |
| Mounting mode                            | Drawout   |
| Mounting support                         | Chassis   |
| Operating rate                           | 3 cyc/mn  |
| [Icw] rated short-time withstand current | 36 kA ( 3 s ) conforming to IEC 60947-3<br>50 kA ( 1 s ) conforming to IEC 60947-3                                    |
| Mechanical durability                    | 12500 cycles without maintenance conforming to IEC 60947-3<br>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

|                    |        |
|--------------------|--------|
| Connection pitch   | 115 mm |
| Height             | 352 mm |
| Width              | 442 mm |
| Depth              | 297 mm |
| Product weight     | 60 kg  |
| Targeted country   | China  |
| Compatibility code | NW10   |

## Environment

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

## Contractual warranty

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