



### Main

|                                           |                                              |
|-------------------------------------------|----------------------------------------------|
| Range                                     | Masterpact                                   |
| Product name                              | Masterpact NW                                |
| Product or component type                 | Switch disconnector                          |
| Device short name                         | Masterpact NW16                              |
| Switch-disconnector name                  | Masterpact NW16HF                            |
| Device application                        | Protection                                   |
| Poles description                         | 4P                                           |
| Network type                              | AC                                           |
| Network frequency                         | 50/60 Hz                                     |
| [Ie] rated operational current            | 1600 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 at 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

|                                          |                                                                                                                                                                                                                                                                       |
|------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Control type                             | Push-button                                                                                                                                                                                                                                                           |
| Mounting mode                            | Fixed                                                                                                                                                                                                                                                                 |
| Operating rate                           | 10 cyc/h maximum                                                                                                                                                                                                                                                      |
| [Icw] rated short-time withstand current | 50 kA during 3 s conforming to IEC 60947-3<br>85 kA during 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<br>AC-23A: 10000 cycles 690 V AC 50/60 Hz without maintenance conforming to IEC 60947-3<br>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                                    | 537 mm                                                                                                                                                                                                                                                                |
| Depth                                    | 297 mm                                                                                                                                                                                                                                                                |
| Net weight                               | 80 kg                                                                                                                                                                                                                                                                 |

## 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   |

## Offer Sustainability

|                            |                                                                                                                                 |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| Sustainable offer status   | Green Premium product                                                                                                           |
| REACH Regulation           |  <a href="#">REACH Declaration</a>             |
| EU RoHS Directive          | Compliant  <a href="#">EU RoHS Declaration</a> |
| Mercury free               | Yes                                                                                                                             |
| RoHS exemption information |  <a href="#">Yes</a>                           |
| China RoHS Regulation      |  <a href="#">China RoHS Declaration</a>        |
| Environmental Disclosure   |  <a href="#">Product Environmental Profile</a> |
| Circularity Profile        |  <a href="#">End Of Life Information</a>       |
| 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 |
|----------|-----------|