



### Main

|                             |                               |
|-----------------------------|-------------------------------|
| Range of product            | EasyPact MVS                  |
| Range                       | EasyPact                      |
| Product name                | MVS10N                        |
| Device short name           | MVS10N                        |
| Product or component type   | Circuit breaker               |
| Device application          | Distribution                  |
| Poles description           | 4P                            |
| Protected poles description | 4P 4d                         |
| Neutral position            | Left                          |
| Network type                | AC                            |
| Breaking capacity code      | N                             |
| Suitability for isolation   | Yes conforming to IEC 60947-2 |
| Utilisation category        | Category B                    |
| Trip unit name              | ETA2I                         |
| Trip unit technology        | Electronic                    |
| Trip unit rating            | 1000 A                        |

### Complementary

|                               |  |
|-------------------------------|--|
| Network frequency             | 50/60 Hz                                     |
| Control type                  | Manually operated                            |
| Mounting mode                 | Drawout                                      |
| Mounting support              | Base plate<br>Rail                           |
| Connection position           | Vertical<br>Horizontal                       |
| Location of connection        | Rear   |
| [In] rated current            | 1000 A (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  |
| [Ue] rated operational voltage            | 690 V AC 50/60 Hz conforming to IEC 60947-2  |
| Circuit breaker CT rating                 | 1000 A   |
| Breaking capacity                         | 50 kA (Icu) at 220...440 V AC 50/60 Hz conforming to IEC 60947-2   |
| [Ics] rated service breaking capacity     | 50 kA (Ics) at 220...440 V AC 50/60 Hz conforming to IEC 60947-2   |
| Mechanical durability                     | 20000 cycles (with maintenance) conforming to IEC 60947-2<br>10000 cycles (without maintenance) conforming to IEC 60947-2  |
| Electrical durability                     | 6000 cycles (without maintenance), category B at 440 V AC 50/60 Hz, conforming to IEC 60947-2<br>4000 cycles (without maintenance), category B at 690 V AC 50/60 Hz, conforming to IEC 60947-2   |
| Connection pitch                          | 115 mm (without spreader)  |
| Contact position indicator                | Yes  |
| [Icm] rated short-circuit making capacity | 105 kA (Icm) at 220...440 V AC 50/60 Hz conforming to IEC 60947-2  |
| [Icw] rated short-time withstand current  | 50 kA (1 s) at 220...440 V AC 50/60 Hz conforming to IEC 60947-2<br>42 kA (1 s) at 690 V AC 50/60 Hz conforming to IEC 60947-2<br>25 kA (3 s) at 440/690 V AC 50/60 Hz conforming to IEC 60947-2 |
| Neutral protection setting                | Without protection (3d)<br>0.5 x Ir (3d + N/2)<br>1 x Ir (4d)  |
| Trip unit protection functions            | LI   |
| Protection type                           | Instantaneous short-circuit protection<br>Overload protection (long time)  |
| Fault indication                          | Short-circuit<br>Internal fault<br>Overload  |
| Long time pick-up adjustment type Ir      | Adjustable 9 settings  |
| Long time pick-up adjustment range        | 0.4...1 x In   |
| Long time delay adjustment type           | Adjustable 9 settings  |
| [Tr] long-time delay adjustment range     | 0.5...24 s (6 x Ir)  |
| Thermal memory                            | 20 minutes before and after tripping   |
| Instantaneous pick-up adjustment type li  | Adjustable 9 settings  |
| Instantaneous pick-up adjustment range    | 1.5...10 x Ir  |
| Zone selective interlocking ZSI           | With   |
| Display type                              | Digital display  |
| Type of measurement                       | Current  |
| Current sensor rating range               | 400/2000 A   |
| Maximum breaking time                     | 25 ms  |
| Closing response time                     | < 70 ms  |
| Height                                    | 439 mm   |
| Width                                     | 556 mm   |
| Depth                                     | 395 mm   |
| Product weight                            | 85 kg  |
| Compatibility code                        | MVS10N   |

## Environment

|                                       |   |
|---------------------------------------|---|
| Standards                             | IEC 60947-2   |
| Product certifications                | IEC<br>CCC<br>CCS<br>GOST   |
| IP degree of protection               | IP40  |
| Pollution degree                      | 4 conforming to IEC 60664-1   |
| Ambient air temperature for operation | -5...70 °C  |
| Ambient air temperature for storage   | -40...85 °C (without control unit)<br>-25...85 °C (with control unit) |

## Offer Sustainability

|                                  |   |
|----------------------------------|---|
| Sustainable offer status         | Green Premium product   |
| RoHS (date code: YYWW)           | Compliant - since 1440 - Schneider Electric declaration of conformity<br><a href="#">Schneider Electric declaration of conformity</a> |
| REACH                            | Reference not containing SVHC above the threshold<br><a href="#">Reference not containing SVHC above the threshold</a>                |
| Product environmental profile    | Available<br><a href="#">Product environmental</a>  |
| Product end of life instructions | Available<br><a href="#">End of life manual</a>   |

## Contractual warranty

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

# MVS10N4MW2A