



### Main

|                             |                               |
|-----------------------------|-------------------------------|
| Range of product            | EasyPact MVS                  |
| Range                       | EasyPact                      |
| Product name                | MVS08N                        |
| Device short name           | MVS08N                        |
| Product or component type   | Circuit breaker               |
| Device application          | Distribution                  |
| Poles description           | 3P                            |
| Protected poles description | 3P 3d                         |
| Network type                | AC                            |
| Breaking capacity code      | N                             |
| Suitability for isolation   | Yes conforming to IEC 60947-2 |
| Utilisation category        | Category B                    |
| Trip unit name              | ET2I                          |
| Trip unit technology        | Electronic                    |
| Trip unit rating            | 800 A                         |

### Complementary

|  |   |
|--|---|
| Network frequency                      | 50/60 Hz  |
| Control type                           | Manually operated   |
| Mounting mode                          | Fixed   |
| Mounting support                       | Rail<br>Base plate  |
| Connection position                    | Horizontal<br>Vertical  |
| Location of connection                 | Rear  |
| [In] rated current                     | 800 A at 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              | 800 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 |

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

|   |  |
|---|--|
| Electrical durability                     | Category B: 6000 cycles 440 V AC 50/60 Hz without maintenance conforming-<br>to IEC 60947-2<br>Category B: 4000 cycles 690 V AC 50/60 Hz without maintenance conforming-<br>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 |
| Trip unit protection functions            | LI   |
| Protection type                           | Instantaneous short-circuit protection<br>Overload protection (long time)  |
| Fault indication                          | Overload<br>Short-circuit<br>Internal fault  |
| 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 at 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   |
| Current sensor rating range               | 400/2000 A   |
| Maximum breaking time                     | 25 Ms  |
| Maximum closing response time             | 70 Ms  |
| Height                                    | 352 Mm   |
| Width                                     | 422 Mm   |
| Depth                                     | 297 Mm   |
| Net weight                                | 40 Kg  |




## Environment

|                                       |   |
|---------------------------------------|---|
| Standards                             | IEC 60947-2   |
| Product certifications                | GOST<br>CCC<br>CCS<br>IEC   |
| 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 |

## Packing Units

|                              |       |
|------------------------------|-------|
| Unit Type of Package 1       | PCE   |
| Number of Units in Package 1 | 1     |
| Package 1 Weight             | 38 Kg |
| Package 1 Height             | 35 Cm |
| Package 1 width              | 42 Cm |
| Package 1 Length             | 50 Cm |

## 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 |  Yes   |

|                          |   |
|--------------------------|---|
| 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>       |
| PVC free                 | Yes   |

### Contractual warranty

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

|                       |                       |
|-----------------------|-----------------------|
| Product Life Status : | <b>Commercialised</b> |
|-----------------------|-----------------------|