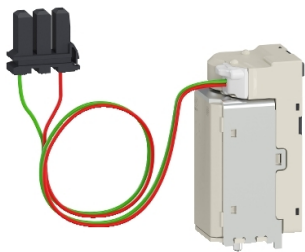


# Product datasheet

Specifications



## MN undervoltage release - 100/130 V AC/DC - for MTZ fixed

LV847382

### Main

|                           |                                                                                                                                        |
|---------------------------|----------------------------------------------------------------------------------------------------------------------------------------|
| Maximum response time     | 45 ms on opening for MasterPact MTZ1<br>95 ms on opening for MasterPact MTZ2<br>95 ms on opening for MasterPact MTZ3                   |
| Range                     | MasterPact                                                                                                                             |
| Device short name         | MN                                                                                                                                     |
| Product or component type | Undervoltage release                                                                                                                   |
| Device application        | Safety                                                                                                                                 |
| Range compatibility       | Masterpact MasterPact MTZ1 circuit breaker<br>Masterpact MasterPact MTZ2 circuit breaker<br>Masterpact MasterPact MTZ3 circuit breaker |
| Voltage release type      | Instantaneous                                                                                                                          |

### Complementary

|                               |                                           |
|-------------------------------|-------------------------------------------|
| Control type                  | Standard                                  |
| [Un] voltage power supply     | 100...130 V AC 50/60 Hz<br>100...130 V DC |
| Threshold tripping voltage    | 0.35...0.7 Un opening<br>0.85 Un closing  |
| Holding power consumption     | 4.5 W                                     |
| Circuit breaker mounting mode | Fixed                                     |

### Packing Units

|                              |         |
|------------------------------|---------|
| Unit Type of Package 1       | PCE     |
| Number of Units in Package 1 | 1       |
| Package 1 Height             | 3.0 cm  |
| Package 1 Width              | 8.0 cm  |
| Package 1 Length             | 6.0 cm  |
| Package 1 Weight             | 174.0 g |

### Contractual warranty

|                      |    |
|----------------------|----|
| Warranty (in months) | 18 |
|----------------------|----|

Disclaimer: 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



## Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)



### Environmental footprint

|                                                        |                                               |
|--------------------------------------------------------|-----------------------------------------------|
| Total lifecycle Carbon footprint                       | 174 kg CO2 eq.                                |
| Environmental Disclosure                               | <a href="#">Product Environmental Profile</a> |
| Carbon footprint of the manufacturing phase [A1 to A3] | 12 kg CO2 eq.                                 |
| Carbon footprint of the distribution phase [A4]        | 0 kg CO2 eq.                                  |
| Carbon footprint of the installation phase [A5]        | 0 kg CO2 eq.                                  |
| Carbon footprint of the use phase [B2, B3, B4, B6]     | 162 kg CO2 eq.                                |
| Carbon footprint of the end-of-life phase [C1 to C4]   | 0.3 kg CO2 eq.                                |

## Use Better



### Materials and Substances

|                                        |                                                                                        |
|----------------------------------------|----------------------------------------------------------------------------------------|
| Packaging made with recycled cardboard | Yes                                                                                    |
| Packaging without single use plastic   | Yes                                                                                    |
| SCIP Number                            | Fb7b4f31-e2d2-4b8c-a9f0-9a1e2c43da19                                                   |
| EU RoHS Directive                      | <a href="#">Compliant By Exemption</a>                                                 |
| REACH Regulation                       | <a href="#">Reference contains Substances of Very High Concern above the threshold</a> |
| Halogen-free status                    | Product contains halogen above thresholds                                              |
| PVC free                               | Yes                                                                                    |
| Silicone-free                          | No                                                                                     |

## Use Longer



### Lifetime extension

|        |    |
|--------|----|
| Repair | No |
|--------|----|

## Use Again



### Repack and remanufacture

|                                 |                                                                                                                                                                                                                 |
|---------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Recyclability potential, in %   | 68                                                                                                                                                                                                              |
| End of life manual availability | <a href="#">End of Life Information</a>                                                                                                                                                                         |
| Take-back                       | Yes                                                                                                                                                                                                             |
| WEEE Label                      |  The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins |

