



### Basic items

|                           |   |
|---------------------------|---|
| Product Range             | EOCR  |
| Model Name                | PMR   |
| Product or component type | Reverse/phase loss relay                                |
| Protection Type           | Loss of phase<br>Phase reversal<br>Unbalanced, 2...15 % |
| Voltage type              | AC  |
| Frequency                 | 50...60 Hz  |
| Voltage range             | 340...480 V AC  |

### Electrical/Mechanical Properties

|  |   |
|--|---|
| [Us] rated input voltage               | 440 V AC  |
| Mounting method                        | 35 mm DIN rail<br>Panel   |
| Contact type & configuration           | 1 C/O PL)   |
| Input fuse protection                  | By 4 A gG fuse  |
| [Ue] rated operating voltage           | 480 V AC 50...60 Hz conforming to IEC 60947-4-1                                 |
| [Uimp] rated impulse withstand voltage | 6 KV conforming to IEC 60947-4-1  |
| Reset                                  | Manual reset<br>Electrical 0...1 s impulse                                      |
| Display method                         | 2 LEDs  |
| Power consumption in W                 | 2 W   |
| Connection                             | Control circuit screw terminal 2 x 1...2.5 mm <sup>2</sup> flexible wire - M3.5 |
| Tightening torque                      | 1.7 N.m   |
| Height                                 | 79.3 Mm   |
| Width                                  | 50 Mm   |
| Depth                                  | 106.5 Mm  |
| Product weight                         | 0.21 Kg   |

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.

## Environmental

|                                  |  |
|----------------------------------|--|
| Standard                         | IEC 60947-4-1  |
| IP rating                        | IP20 in accordance to IEC 60529  |
| Operation temperature            | -20...60 °C conforming to IEC 60947-4-1  |
| Storage temperature              | -30...80 °C  |
| Altitude max.                    | 2000 m   |
| Heat resistance                  | 650 °C according to IEC 60695-2-12<br>960 °C according to UL 94  |
| Impact resistance                | 15 gn 11 ms conforming to IEC 60068-2-7  |
| Vibration resistance             | 4 gn conforming to IEC 60068-2-6<br>2 gn 35mm conforming to IEC 60068-2-6  |
| Dielectric strength              | 2 KV 50...60 Hz between enclosure and circuit conforming to IEC 60255-5<br>1 KV 50...60 Hz between mutual contacts conforming to IEC 60255-5<br>2 KV 50...60 Hz between internal circuits conforming to IEC 60255-5  |
| Surge immunity                   | 6 KV in accordance to IEC 61000-4-5  |
| Electromagnetic compatibility    | Radio frequency radiation immunity 10 V/m level 3 conforming to IEC 61000-4-3<br>Immunity to electrostatic discharge 8 kV air, 6 kV contact conforming to IEC 61000-4-2<br>Transient voltage 2 kV conforming to IEC 61000-4-4<br>Radio frequency conduction immunity 10 V conforming to EN 61000-4-6<br>Radio frequency conduction immunity class A conforming to EN 55011 |
| [Ith] Continuous thermal current | 5 A  |
| Current max.                     | 250 V, 5 A   |

## Packaging unit

|                              |         |
|------------------------------|---------|
| Unit Type of Package 1       | PCE     |
| Number of Units in Package 1 | 1       |
| Package 1 Height             | 9.6 Cm  |
| Package 1 Width              | 5.9 Cm  |
| Package 1 Length             | 11.4 Cm |
| Package 1 Weight             | 220 G   |

## Product sustainability

|                                |   |
|--------------------------------|---|
| Sustainability delivery status | Green Premium product   |
| REACH regulations              | <a href="#">REACH Declaration</a>   |
| EU RoHS Directive              | Declaration of compliance <a href="#">EU RoHS declaration</a>   |
| No mercury                     | yes   |
| China RoHS regulations         | <a href="#">Declaration RoHS available</a>  |
| RoHS Exemption information     | <a href="#">available</a>   |
| environmental disclosure       | <a href="#">available</a>   |
| End of life information        | <a href="#">Yes</a>   |
| WEEE                           | Product has specific disposal requirements for the European market and must not be thrown out in domestic refuse. |
| No PVC                         | yes   |