

# EZC100N4063

## circuit breaker Easypact EZC100N - TMD - 63 A - 4 poles 3d

### Main

|  |   |
|--|---|
| Device short name                      | Easypact EZC100N  |
| Circuit breaker application            | Distribution  |
| Poles description                      | 4P  |
| Protected poles description            | 3t  |
| Network type                           | AC<br>DC  |
| Network frequency                      | 50/60 Hz  |
| [In] rated current                     | 100 A ( 40 °C )   |
| [Ui] rated insulation voltage          | 690 V AC 50/60 Hz conforming to IEC 60947-2   |
| [Uimp] rated impulse withstand voltage | 6 kV conforming to IEC 60947-2  |
| [Ue] rated operational voltage         | 250 V DC conforming to IEC 60947-2<br>550 V AC 50/60 Hz conforming to IEC 60947-2   |
| Circuit breaker rating code            | N   |
| Breaking capacity                      | HIC 25 kA at 240 V AC 50/60 Hz conforming to NEMA AB1<br>HIC 10 kA at 277/480 V AC 50/60 Hz conforming to NEMA AB1<br>Icu 10 kA at 440 V AC 50/60 Hz conforming to IEC 60947-2<br>Icu 5 kA at 550 V AC 50/60 Hz conforming to IEC 60947-2<br>Icu 5 kA at 125 V DC 1P conforming to IEC 60947-2<br>Icu 5 kA at 250 V DC 2P conforming to IEC 60947-2<br>Icu 25 kA at 110...130 V AC 50/60 Hz conforming to IEC 60947-2<br>Icu 25 kA at 220...240 V AC 50/60 Hz conforming to IEC 60947-2<br>Icu 18 kA at 380...400 V AC 50/60 Hz conforming to IEC 60947-2<br>Icu 15 kA at 415 V AC 50/60 Hz conforming to IEC 60947-2 |
| [Ics] rated service breaking capacity  | Ics 2.5 kA 550 V AC 50/60 Hz conforming to IEC 60947-2<br>Ics 2.5 kA 125 V DC conforming to IEC 60947-2<br>Ics 2.5 kA 250 V DC conforming to IEC 60947-2<br>Ics 5 kA 440 V AC 50/60 Hz conforming to IEC 60947-2<br>Ics 7.5 kA 415 V AC 50/60 Hz conforming to IEC 60947-2<br>Ics 9 kA 380...400 V AC 50/60 Hz conforming to IEC 60947-2<br>Ics 12.5 kA 110...130 V AC 50/60 Hz conforming to IEC 60947-2<br>Ics 12.5 kA 220...240 V AC 50/60 Hz conforming to IEC 60947-2  |
| Suitability for isolation              | Yes conforming to IEC 60947-2   |
| Utilisation category                   | Category A  |
| Trip unit technology                   | Thermal-magnetic  |
| Trip unit rating                       | 63 A ( 50 °C )  |
| Protection type                        | Overload protection<br>Short-circuit protection   |
| Pollution degree                       | 3 conforming to IEC 60947   |

The information provided in this documentation contains general descriptions and/or technical characteristics 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.

## Complementary

|                            |   |
|----------------------------|---|
| Control type               | Toggle  |
| Mounting mode              | Fixed   |
| Mounting support           | Backplate   |
| Upside connection          | Front   |
| Downside connection        | Front   |
| Mechanical durability      | 8500 cycles   |
| Electrical durability      | Category A: 1500 cycles 415 V AC 50/60 Hz conforming to IEC 60947-2 |
| Connection pitch           | 25 mm   |
| Local signalling           | Positive contact indication   |
| Neutral protection setting | Without protection  |
| Earth-leakage protection   | Without   |
| Height                     | 130 mm  |
| Width                      | 100 mm  |
| Depth                      | 60 mm   |

## Environment

|                                       |                              |
|---------------------------------------|------------------------------|
| IP degree of protection               | IP20 conforming to IEC 60529 |
| IK degree of protection               | IK07 conforming to EN 50102  |
| Ambient air temperature for operation | -25...70 °C                  |
| Ambient air temperature for storage   | -35...85 °C                  |
| RoHS EUR conformity date              | 0734                         |
| RoHS EUR status                       | Compliant                    |