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PRODUCT-DETAILS

# E297-16-10/115

## E297-16-10/115 Installation relay




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### Ogólne informacje

|                       |                                   |
|-----------------------|-----------------------------------|
| Extended Product Type | E297-16-10/115                    |
| ID Produktu           | 2TAZ311000R2021                   |
| Numer EAN             | 7612270940042                     |
| Opis katalogowy       | E297-16-10/115 Installation relay |

Opis

Installation relays are electromagnetically operated miniature contactors in the standard DIN width of 18 mm. A reliable control system can be designed using these ABB Installation relays E297. They are used mainly in industrial plants but also in commercial and public buildings. As a rule, installation relays operated by means of a control switch (maintained contact) are installed where it is necessary to operate lighting, an air-conditioning system, a fan or suchlike. Installation relays are also referred to as monostable switching relays or 2-pole miniature contactors. The term "monostable" means that an on command has to be sent to the coil by means of a control switch (maintained operation) in order to excite the magnetic coil. The coil armature attracts and closes or opens the main contacts. The device remains in the on position for as long as the control voltage is applied to the coil. If the voltage flow to the coil is interrupted, the installation relay always returns to the neutral position (off position). Installation relays and the accessories are available in different versions in order to easily satisfy the various market requirements. Their optimal switching capacity also makes them suitable for use in industrial environments and in situations where it is necessary to ensure control over more powerful consumers (such as e.g. multiple lighting systems). Using an optimized coil (low power loss = lower operating temperature) ensures a clean and safe operation in the electrical distribution board.

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### Charakterystyka zamówienia

|           |               |
|-----------|---------------|
| Numer EAN | 7612270940042 |
|-----------|---------------|

|                            |           |
|----------------------------|-----------|
| Minimalna ilość zamówienia | 10 sztuka |
| Kod taryfy celnej          | 85364930  |

## Wymiary

|                          |       |
|--------------------------|-------|
| Szerokość produktu netto | 18 mm |
| Wysokość produktu netto  | 85 mm |
| Długość produktu netto   | 62 mm |
| Głębokość produktu netto | 62 mm |
| Waga produktu netto      | 113 g |

## Informacje o pakowaniu

|                                   |               |
|-----------------------------------|---------------|
| Jednostka opakowania (poziom 1)   | box 10 sztuka |
| Szerokość opakowania (poziom 1)   | 96 mm         |
| Wysokość opakowania (poziom 1)    | 82 mm         |
| Długość opakowania (poziom 1)     | 185 mm        |
| Waga opakowania brutto (poziom 1) | 1206 g        |
| EAN opakowania (poziom 1)         | 7612270940042 |

## Normy środowiskowe

|             |   |
|-------------|---|
| Status RoHS | Zgodny z dyrektywą EU 2002/95/EC sierpień 18, 2005 i poprawkami |
|-------------|---|

## Dodatkowe informacje

|   |  |
|---|--|
| Connecting Capacity                               | Solid 1 x 1 ... 10 mm <sup>2</sup><br>Elastyczny 2 x 2.5 mm <sup>2</sup><br>Flexible with Cable End 1 x 0.75 ... 6 mm <sup>2</sup><br>Flexible with Cable Lug 1 x 0.75 ... 6 mm <sup>2</sup> |
| Częstotliwość (f)                                 | Control Voltage 1 0 ... 50 Hz<br>Control Voltage 2 0 ... 50 Hz   |
| Funkcja   | Mechanical   |
| Rodzaj montażu                                    | Din-Rail   |
| Ilość styków pomocniczych NO                      | 1  |
| Ilość styków głównych NO                          | 1  |
| Options Provided                                  | 1NO  |
| Straty mocy                                       | 0.5 W  |
| Typ produktu                                      | E297   |
| Nazwa produktu                                    | Installation relay   |
| Znamionowe napięcie sterownicze (U <sub>s</sub> ) | 115 V AC<br>110 V DC   |
| Prąd znamionowy (I <sub>n</sub> )                 | 16 A   |

|  |             |
|--|-------------|
| Częstotliwość znamionowa (f)           | 50...60 Hz  |
| Znamionowe napięcie izolacji ( $U_i$ ) | 115 V AC/DC |
| Znamionowe napięcie pracy              | 250 V AC    |
| Data RoHS                              | 20170426    |
| Napięcie zasilania                     | 250...250 V |

### Certyfikaty i deklaracje (Numer dokumentu)

|                                       |                 |
|---------------------------------------|-----------------|
| Arkusze danych, informacja techniczna | 2CCC441020C0201 |
| Deklaracja zgodności - CE             | 2CCC441016D0201 |
| Informacje środowiskowe               | 2CCC441012D0202 |
| Instrukcje i podręczniki              | 2CCC441006M0801 |
| Dane RoHS                             | 2CCC413008D0206 |

### Klasyfikacje

|                  |  |
|------------------|--|
| ETIM 4           | EC001652 - Installation relay                              |
| ETIM 5           | EC001652 - Installation relay                              |
| ETIM 6           | EC001652 - Installation relay                              |
| ETIM 7           | EC001652 - Installation relay                              |
| Kod klasyfikacji | K  |
| WEEE Category    | 5. Small Equipment (No External Dimension More Than 50 cm) |

### Kategorie

Produkty niskiego napięcia i systemy → Aparatura modułowa na szynę DIN → Command and Signalling devices → Installation Relays

