

E297-16-20/48



Products → Low Voltage Products and Systems → Modular DIN Rail Products
→ Modular DIN Rail Components MDRCs → Command Devices

General Information

Extended Product Type: E297-16-20/48

Product ID: 2TAZ311000R2032

EAN: 7612270940158

Catalog Description: E297-16-20/48 Installation relay

Long Description: 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 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.

Ordering

Minimum Order Quantity: 10 piece

Customs Tariff Number: 85362020

Popular Downloads

Data Sheet, Technical Information: 2CCC441020C0201

Instructions and Manuals: 2CCC441006M0801

Dimensions

Product Net Width: 18 mm

Product Net Height: 85 mm

Product Net Length: 62 mm

Product Net Depth: 62 mm

Product Net Weight: 121 g

Technical

Rated Operational Voltage: 250 V AC

Number of Main Contacts NO: 2

Rated Control Supply Voltage (U_s): 48 V AC
/ 48 V DC

Options Provided: 2NO

Environmental

RoHS Status: Following EU Directive 2002/95/EC August 18, 2005 and amendment

Certificates and Declarations (Document Number)

Declaration of Conformity - CE: 2CCCC441010D0202

Environmental Information: 2CCC441012D0202

Instructions and Manuals: 2CCC441006M0801

RoHS Information: 2CCC413008D0206

Container Information

Package Level 1 Units: 10 piece

Package Level 1 Width: 96 mm

Package Level 1 Height: 82 mm

Package Level 1 Length: 185 mm

Package Level 1 Gross Weight: 1286 g

Package Level 1 EAN: 7612270940158

Classifications

Object Classification Code: K

ETIM 4: EC001652 - Installation relay

ETIM 5: EC001652 - Installation relay

ETIM 6: EC001652 - Installation relay

ETIM 7: EC001652 - Installation relay

