PRODUCT-DETAILS

E290-16-11/12

E290-16-11/12

General Information

Extended Product Type	E290-16-11/12
Product ID	2TAZ312000R2053
EAN	7612270939800
Catalog Description	E290-16-11/12
Long Description	Latching relays are electromagnetically operated devices. The E290 range from ABB can be used to realise a simple, energy saving and efficient lighting control system. These devices are mainly used in private houses, factory premises and commercial and public buildings as well as in industrial plants. As a rule, latching relays controlled by means of impulse buttons are installed where it is necessary for lighting to be operated from at least three different places. Each time a command is initiated (by means of an impulse button), an electrical pulse is applied to the coil of the latching relay. The coil in the device is briefly energised and activated. That short pulse to the coil leads to the mechanical latch of the internal main contacts. The internal switching mechanism enables us to achieve a safe and reliable interlock (in the same way as a ballpoint pen). Each pulse that is sent to the magnetic coil system switches the device to its previous position where it is held mechanically until the next control pulse is received. The devices are designed for rated currents 16 and 32A. Through the combinable accessories the main modules can be used in nearly all market applications.

Ordering

EAN	7612270939800
Minimum Order Quantity	10 piece
Customs Tariff Number	85364930

Dimensions

Product Net Width	18 mm
Product Net Height	85 mm
Product Net Length	62 mm
Product Net Depth / Length	62 mm
Product Net Weight	122 g

Container Information

Package Level 1 Units	box 10 piece
Package Level 1 Width	96 mm
Package Level 1 Height	82 mm
Package Level 1 Depth / Length	185 mm
Package Level 1 Gross Weight	1296 g
Package Level 1 EAN	7612270939800

Environmental

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

Additional Information

Connecting Capacity	Solid 1 x 1 ... 10 mm² Flexible 2 x 2.5 mm² Flexible with Cable End 1 x 0.75 ... 6 mm² Flexible with Cable Lug 1 x 0.75 ... 6 mm²
Current Rating, Main Switch	16 A
Frequency (f)	Control Voltage 1 50 ... 50 Hz
Function	Electronic for centralized control
Mounting Type	DIN rail
Number of Auxiliary Contacts NC	1
Number of Auxiliary Contacts NO	1
Number of Main Contacts NC	1
Number of Main Contacts NO	1
Options Provided	1NO+1NC
Power Loss	0.5 W
Product Main Type	E290
Product Name	Electromechanical latching relay
Rated Control Supply Voltage (U_s)	12 V AC
Rated Current (I_n)	16 A
Rated Frequency (f)	50 Hz
Rated Insulation Voltage (U_i)	12 V AC
Rated Operational Voltage	250 V AC
RoHS Date	20170426
Supply Voltage	250...250 V

Certificates and Declarations (Document Number)

Data Sheet, Technical Information	2CCC441020C0201
Declaration of Conformity - CE	2CCC005102D0201
Environmental Information	2CCC441012D0202
Instructions and Manuals	2CCC441005M0801
RoHS Information	2CCC413008D0206

Classifications

ETIM 4	EC000188 - Latching relay
ETIM 5	EC000188 - Latching relay
ETIM 6	EC000188 - Latching relay
ETIM 7	EC000188 - Latching relay
Object Classification Code	K
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)

Categories

Low Voltage Products and Systems → Modular DIN Rail Products → Command and Signalling devices → Latching Relays