

PRODUCT-DETAILS

E299-20-60

E299-20-60 Auxiliary contact 5A, 1NO+1NC



General Information

Extended Product Type	E299-20-60
Product ID	2CCA704343R0001
EAN	7612271503048
Catalog Description	E299-20-60 Auxiliary contact 5A, 1NO+1NC

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.

Technical

Standards	IEC 60669-1 IEC 60669-2-2
Product Name	Auxiliary contact 5A, 1NO+1NC
Rated Control Circuit Voltage (U_c)	60 V DC
Rated Current (I_N)	5 A

Maximum Control Current DC	5 A
Frequency (f)	Control Voltage 1 60 ... 60 Hz
Rated Frequency (f)	60 Hz
Minimum Switching Capacity	24 V 10 mA
Power Loss	0.6 W
Number of Contacts NC	0
Number of Contacts NO	0
Number of Main Contacts NC	0
Number of Main Contacts NO	0
Number of Auxiliary Contacts NO	2
Tightening Torque	1.2 - 1.5 N·m
RAL Number	RAL 7035 - Light Grey
Color	Grey

Environmental

Ambient Air Temperature	Operation -25...+55 °C Storage -40...+70 °C
RoHS Status	Following EU Directive 2011/65/EU

Dimensions

Product Net Width	9 mm
Product Net Height	85 mm
Product Net Depth / Length	58 mm
Product Net Weight	45 g

Container Information

Package Level 1 Units	box 10 piece
Package Level 1 Width	100 mm
Package Level 1 Height	83 mm
Package Level 1 Depth / Length	185 mm
Package Level 1 Gross Weight	539 g
Package Level 1 EAN	7612271503048

Ordering

Minimum Order Quantity	10 piece
Customs Tariff Number	85364930
Country of Origin	Switzerland (CH)
Selling Unit of Measure	piece

Certificates and Declarations (Document Number)

Declaration of Conformity - CE	2CCC005102D0201
Instructions and Manuals	2CCC441011M121

RINA Certificate	9AKK107492A6315
RoHS Information	2CCC413008D0204

Popular Downloads

Data Sheet, Technical Information	2CCC441020C0201
Instructions and Manuals	2CCC441011M121
Dimension Diagram	9AKK107992A6182

Classifications

ETIM 7	EC000188 - Latching relay
ETIM 8	EC000188 - Latching relay
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
WEEE B2C / B2B	Business To Consumer
CN8	85364930
Object Classification Code	K

Categories

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

