



PRODUCT-DETAILS

E296-CP

E296-CP Compensator



General Information	
Extended Product Type	E296-CP
Product ID	2TAZ310003R1000
EAN	7612270939473
Catalog Description	E296-CP Compensator
Long Description	Latching relays are electromagnetically operated devices. The E290 range from ABB can be used to realise a simple, energysaving and efficient lighting control system. These devices are mainly used in rivate 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 ack 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/EN 60669-1 IEC/EN 60669-2-2
Function	Compensator module
Rated Voltage (U _r)	250 V AC at 50 Hz 310 V AC at 60 Hz
Rated Control Supply Voltage (U _s)	250 V AC
Rated Frequency (f)	50 Hz
Number of Main Contacts NC	0
Number of Main Contacts NO	0
Number of Buttons	1&2 Latching Relay: 8 without compensator 18 with 1 compensator 45 with 2 compensator 3&4 Latching Relay: 9 without compensator 22 with 1 compensator 38 with 2 compensator
Tightening Torque	1.2 - 1.5 N·m
Accessory Type	Other
Mounting Type	DIN-Rail
RAL Number	RAL 7035 - Light Grey
Color	Grey
Connecting Capacity	Solid 1 x 1 ... 10 mm ² Flexible 2 x 2.5 mm ² Flexible with Cable End 1 x 0.75 ... 6 mm ² Flexible with Cable Lug 1 x 0.75 ... 6 mm ²

Material Compliance	
RoHS Information	2CCC005102D0201
RoHS Status	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
RoHS Date	20170426
REACH Declaration	2CCC005047D0201
Conflict Minerals Reporting Template (CMRT)	9AKK108468A3363

Environmental	
Ambient Air Temperature	Operation -25...+55 °C Storage -40...+70 °C
Environmental Information	2CCC441012D0202

Dimensions	
Product Net Width	18 mm
Product Net Height	85 mm
Product Net Depth / Length	58 mm
Product Net Weight	55 g
Dimension Diagram	9AKK107992A6185

Ordering	
Package Level 1 Units	box 10 piece
Package Level 1 Gross Weight	626 g
E-Number (Sweden)	4001597

Certificates and Declarations	
Declaration of Conformity - CE	2CCC005102D0201
Declaration of Conformity - UKCA	9AKK108467A6139
VDE Certificate	VDE E29x_40040851

Installation	
Instructions and Manuals	2CCC441005M0801

Popular Downloads	
Data Sheet, Technical Information	2CCC441020C0201

Classifications	
ETIM 8	EC000188 - Latching relay
ETIM 9	EC000188 - Latching relay
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
WEEE B2C / B2B	Business To Consumer
CN8	85362020
eClass	V11.0 : 27371692
Object Classification Code	K

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

