



PRODUCT-DETAILS

E292-16-20

E292-16-20 Main Contact Module



General Information	
Extended Product Type	E292-16-20
Product ID	2CCA704300R0001
EAN	7612270939480
Catalog Description	E292-16-20 Main Contact Module
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	Mechanical latching relay main contact module	
Rated Voltage (U _r)		250 V AC
Rated Control Supply Voltage (U _s)		250 V AC
Rated Current (I _n)		16 A
Maximum Control Current DC		8 A
Rated Frequency (f)		50 Hz
Minimum Switching Capacity		24 V 10 mA
Power Loss		0.64 W
Number of Contacts NO		2
Number of Main Contacts NC		0
Number of Main Contacts NO		2
Number of Auxiliary Contacts NO		2
Tightening Torque		1.2 - 1.5 N·m
Accessory Type		Connecting bridge
Contact Type		Normally Open (NO)
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
Climate Class Reference Standards	IEC 60068-2-2 - Deals with dry heat tests applicable both to heat-dissipating and non heat-dissipating specimens IEC 60068-2-30 - Determines the suitability of components, equipment or other articles for use, transportation and storage under conditions of high humidity - combined with cyclic temperature changes and, in general, producing condensation on the surface of the specimen. IEC 60068-2-1 - Deals with cold tests applicable to both non heat-dissipating and heat-dissipating specimens	

Dimensions

Product Net Width		9 mm
Product Net Height		85 mm
Product Net Depth / Length		58 mm
Product Net Weight		45 g
Dimension Diagram		9AKK107992A6182

Ordering

Package Level 1 Units	box 10 piece
Package Level 1 Gross Weight	539 g
E-Number (Finland)	2712553
E-Number (Sweden)	4001111
E-Number (Switzerland)	534319900

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

