

PRODUCT-DETAILS

E297-16-11/230

E297-16-11/230 Installation relay



Informations générales

Extension du type de produit	E297-16-11/230
Code de produit	2TAZ311000R2013
EAN	7612270940110
Description courte	E297-16-11/230 Installation relay

Description longue	<p>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 armature 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.</p>
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Technique

Fonction	Mechanical
Tension	250 V AC
Tension d'alimentation	250...250 V

Tension assignée d'isolement (U _i)	230 V AC/DC
Rated Control Supply Voltage (U _s)	230 V AC
Courant nominal (I _n)	16 A
Fréquence (f)	Control Voltage 1 0 ... 50 Hz Control Voltage 2 0 ... 50 Hz
Fréquence assignée (f)	50...60 Hz
Power Loss	0.5 W
Number of Contacts CO	0
Number of Contacts NC	1
Number of Contacts NO	1
Number of Main Contacts NC	1
Number of Main Contacts NO	1
Number of Auxiliary Contacts NC	1
Number of Auxiliary Contacts NO	1
Type de montage	DIN-Rail
Options Provided	1NO+1NC
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

Environnement

Statut RoHS	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
Informations RoHS	2CCC005103D0201
REACH Declaration	2CCC005047D0201
Informations environnementales	2CCC441012D0202
Conflict Minerals Reporting Template (CMRT)	9AKK108468A3363

Dimensions

Width in Number of Modular Spacings	1
Produit Largeur Net	18 mm
Produit Hauteur Net	85 mm
Produit Longueur Net	62 mm
Poids net	121 g
Profondeur d'encastrement (t ₂)	62 mm

Commande

Emballage Niveau 1 Unités	box 10 pièce
Emballage Niveau 1 Poids	1286 g
E-Number (Sweden)	4001180

Certificats et Déclarations (Numéro de document)

Déclaration de Conformité - CE	2CCC005103D0201
Declaration of Conformity - UKCA	9AKK108467A6140

Installation

Instructions et manuels	2CCC441006M0801
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Downloads Préférés

Fiche produit, informations techniques	2CCC441020C0201
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Classifications

ETIM 8	EC001652 - Installation relay
ETIM 9	EC001652 - Installation relay
Catégorie DEEE	5. Small Equipment (No External Dimension More Than 50 cm)
WEEE B2C / B2B	Business To Consumer
CN8	85362020
eClass	V11.0 : 27142309
Code de classification d'objet	K

Catégories

Produits basse tension → Appareillage modulaire et parafoudres → Command and Signalling Devices → Installation Relays



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