E298-16-20

E298-16-20 Main contact module 16A, 2NO

Informations générales

Extension du type de produit	E298-16-20
Code de produit	2CCA704320R0001
EAN	7612270939961
Description courte	E298-16-20 Main contact module 16A, 2NO
Description longue	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 ystems). Using an optimized coil (low power loss = lower operating temperature) ensures a clean and safe operation in the electrical distribution board.

Technique

2023/12/09

Normes et standards	EN 60669-1
	EN 60669-2-2
Fonction	Mechanical
Tension nominale (U_r)	250 V AC
Tension	250 V AC
Tension d'alimentation	250...250 V
Rated Control Circuit Voltage (U_c)	20 V DC
Courant nominal (I_n)	16 A
Maximum Control Current DC	5 A
Fréquence assignée (f)	50 .. 60 Hz
Minimum Switching Capacity	24 V
	10 mA
Power Loss	0.64 W
Number of Contacts CO	0
Number of Contacts NC	0
Number of Contacts NO	2
Number of Main Contacts NC	0
Number of Main Contacts NO	2
Number of Auxiliary Contacts NO	2
Couple de serrage	1.2 - 1.5 N·m
Contact Type	Normally Open (NO)
Type de montage	DIN-Rail
RAL Number	RAL 7035 - Gris clair
Couleur	Grey
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

Environnement

Température de l'air ambiant	Operation -25...+55 °C
	Storage -40...+70 °C
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	0.5

2023/12/09   Subject to change without notice

Modular Spacings

Produit Largeur Net	9 mm
Produit Hauteur Net	85 mm
Produit Longueur Net	58 mm
Poids net	45 g
Profondeur d'encastrement (t_2)	62 mm
Schéma dimensionnel	9AKK107992A6182

Commande

Emballage Niveau 1 Unités	box 10 pièce
Emballage Niveau 1 Poids	539 g
E-Number (Switzerland)	505990102

Certificats et Déclarations (Numéro de document)

Déclaration de Conformité - CE	2CCC005103D0201
Declaration of Conformity - UKCA	9AKK108467A6140
EAC Certificate	9AKK107992A1778
VDE Certificate	VDE_E297_40041228

Installation

Instructions et manuels	2CCC441006M0801

Downloads Préférés

Fiche produit, informations techniques	2CCC441020C0201

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