

PRODUCT-DETAILS

# EPD24-TB-101-4A

## EPD24-TB-101-4A Protection Devices for DC Load Circuits



### Informations générales

Extension du type de produit	EPD24-TB-101-4A
Code de produit	2CDE601101R2004
EAN	4016779830041
Description courte	EPD24-TB-101-4A Protection Devices for DC Load Circuits
Description longue	The EPD24 protection devices expand ABB's product portfolio of DIN rail mounted devices with electronic overcurrent protection modules for selective protection of 24 V DC load circuits. Faults in individual branches caused by overload or short circuit are detected and selectively switched off so that other load current paths remain unaffected by the fault. In this way straightforward, quick troubleshooting is made possible.

### Technique

Normes et standards	UL 2367 recognized CSA 22.2 UL1604
Compatibilité des produits	Compatible with inductive load through suitable external free-wheeling circuit
Tension nominale ( $U_r$ )	24 V DC
Operational Voltage	Maximum 18..32 V DC
Courant nominal ( $I_n$ )	4 A
Capacité de charge maximale	20000 $\mu$ F

Power Loss	1.12 W
Output Signal	Operating condition: 13-14 closed Fault condition: 13; Potential-free auxiliary contact max. 30 V DC/0.5 A, min. 10 V DC/10 mA.
Number of Auxiliary Contacts NO	1
Number of Channels	1
Signal Indication Fault (LED)	Red
Couple de serrage	Auxiliary Circuit 0.5 N-m L/N Terminals 1.5-1.8_NU N-m
Trip Type	Electronic
Qualité du matériau	Moulded
Status Indicator	Oui
Additional Information	Backup fuse for EPD24 not required
Montage sur rail DIN	TH35-7.5 (35 x 7.5 mm Mounting Rail) acc. to IEC 60715
Recommended Screw Driver	Screw Slot
Accessories Available	Oui
Sortie	Power MOSFET switching output (positive switching) without galvanic isolation
Remarques	Parallel connection of outputs not permissible
Couleur	dark grey, RAL 7012
	96 hrs/95% RH/40 °C to IEC 60068-2-78, test Cab. climate class 3K3 to EN 60721

## Environnement

Température de l'air ambiant	Operation -25 ... +60 °C Storage -40 ... +70 °C
Indice de protection	Housing IP20 Terminals IP20
Degré de pollution	2
Resistance to Vibrations acc. to IEC 60068-2-6	3g
Statut RoHS	Following EU Directive 2011/65/EU
Informations RoHS	2CDK444004D0401
REACH Declaration	9AKK107492A1906
Conflict Minerals Reporting Template (CMRT)	9AKK108468A3363

## Dimensions

Produit Largeur Net	12.5 mm
Produit Hauteur Net	80 mm
Produit Longueur Net	83 mm
Poids net	65 g

## Commande

Emballage Niveau 1 Unités	box 4 pièce
Emballage Niveau 1 Poids	0.366 kg
E-Number (Sweden)	2063004

## Certificats et Déclarations (Numéro de document)

Agence de certification	CSA UKCA
Déclaration de Conformité - CE	2CDC444004D0401

## Installation

Instructions et manuels	2CDC444002D0201
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## Downloads Préférés

Fiche produit, informations techniques	9AKK106930A8017
Data Sheet, Technical Information (Part 2)	2CDC444002D0201
Time-Current Characteristic Curve	9AKK108467A8030

## Classifications

ETIM 8	EC003538 - Device circuit breaker
ETIM 9	EC003538 - Device circuit breaker
Catégorie DEEE	5. Small Equipment (No External Dimension More Than 50 cm)
WEEE B2C / B2B	Business To Consumer
CN8	8536 30 10
UNSPSC	39121552
eClass	V11.0 : 27141901
Code de catégorie granulaire IDEA (IGCC)	4776 >> Electronic motor control and protection device
Code de classification d'objet	F

## Accessories

Identifiant	Description	Type	Quantity	Unit Of Measure
2CDE605200R0021	EPD-SB21 Protection Devices for DC Load Circuits	EPD-SB21	10	piece
2CDE605100R0500	EPD-BB500 Protection Devices for DC Load Circuits	EPD-BB500	10	piece

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## Catégories

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Produits basse tension → Appareillage modulaire et parafoudres → Protection and Safety Devices → Appareil de protection électronique

