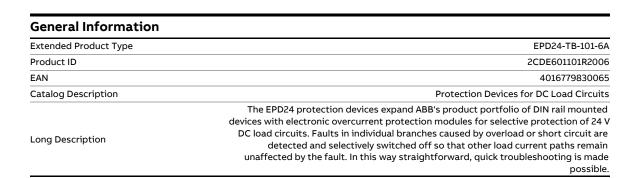
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PRODUCT-DETAILS

EPD24-TB-101-6A

Protection Devices for DC Load Circuits



Technical	
Standards	CSA 22.2
	UL 2367 recognized
	UL 508 listed
	UL 121201
Product Compatibility	Compatible with inductive load through suitable external free-wheeling circuit
Rated Voltage (U _r)	24 V DC

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Operational Voltage	Maximum 1832 V DC	
Rated Current (I _n)	6 A	
Maximum Load Capacity	20000 μF	
Power Loss	1.5 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	
Tightening Torque	Auxiliary Circuit 0.5 N·m L/N Terminals 1.5-1.8_NU N·m	
Trip Type	Electronic	
Housing Material	Moulded	
Status Indicator	Yes	
Additional Information	Backup fuse for EPD24 not required	
Mounting on DIN Rail	TH35-7.5 (35 x 7.5 mm Mounting Rail) acc. to IEC 60715	
Recommended Screw Driver	Screw Slot	
Accessories Available	Yes	
Output	Power MOSFET switching output (positive switching) without galvanic isolation	
Remarks	Parallel connection of outputs not permissible	
Color	dark grey, RAL 7012	
	96 hrs/95% RH/40 °C to IEC 60068-2-78, test Cab. climate class 3K3 to EN 60721	

Material	Com	pliance
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RoHS Information	2CDK444004D0401
RoHS Status	Following EU Directive 2011/65/EU
RoHS Date	20191001
REACH Declaration	9AKK107492A1906
REACH Information	False - does not contain substances > 0.1 mass percentage
REACH Date	20240821
Conflict Minerals Reporting Template (CMRT)	9AKK108468A3363

Environmental

Ambient Air	Operation -25 +60 °C
Temperature	Storage -40 +70 °C
Degree of Protection	Housing IP20
	Terminals IP20
Pollution Degree	2

Dimensions

Product Net Width	12.5 mm
Product Net Height	80 mm
Product Net Depth / Length	83 mm
Product Net Weight	65 g

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Ordering		
Package Level 1 Units	box 4 piece	
Package Level 1 Gross Weight	0.366 kg	
E-Number (Norway)	1655085	
E-Number (Sweden)	2063005	

Certificates and Declarations		
Declaration of Conformity - CE	2CDK444004D0401	
Certification Agency	CSA UKCA	

Installation	
Instructions and	2CDC444002D0201
Manuals	

Popular Downloads	
Data Sheet, Technical Information	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
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
WEEE B2C / B2B	Business To Consumer
CN8	8536 30 10
UNSPSC	39121636
eClass	V11.0 : 27141901
IDEA Granular Category Code (IGCC)	4991 >> Current limiter
Object Classification Code	F

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

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Categories

 $Low\ Voltage\ Products\ and\ Systems \rightarrow Modular\ DIN\ Rail\ Products \rightarrow Protection\ and\ Safety\ Devices \rightarrow Protection\ Devices\ for\ DC\ Load\ Circuits$









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