

## Electronic device circuit breaker - ECP-E 10A - 0901002

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Electronic device circuit breaker, Number of positions: 1, Connection method: Screw connection, Width: 12.5 mm, Fuse type: Electronic, Fuse type: Automatic device, Mounting type: On base element, Color: black

### Why buy this product

- Can be plugged onto TMCP SOCKET M base
- Design width of just 12.5 mm
- The operating or error state is indicated by a multi-color LED as well as an integrated status output (12)

### Key Commercial Data

Packing unit	5 STK
GTIN	 4 046356 103749

### Technical data

#### General

Installation instructions	When mounted in rows without convection cooling, the nominal device current should only be led to a maximum of 80% due to the thermal effect during continuous operation (100% operating factor). Special precautionary measures must be taken in systems or machines, to prevent components from restarting (e.g., use of a safety PLC). Parallel connection of multiple circuit breakers is not permitted.
Mounting type	On base element
Color	black
Number of positions	1
Overvoltage category	II
Insulating material	PA66/6
Flammability rating according to UL 94	V0

#### Electrical data

Fuse	Electronic
Fuse type	Automatic device
Rated surge voltage	0.5 kV
Operating voltage	24 V DC
	18 V DC ... 32 V DC
Nominal current $I_N$	10 A

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## Technical data

### Electrical data

Required backup fuse	not required, integrated failsafe element
Dielectric strength	max. 32 V DC (Load circuit)
Degree of pollution	2
Overvoltage category	II
Insulating material group	I
Switching capacity I <sub>CN</sub>	Active current limitation
Closed-circuit current range I <sub>0</sub>	typ. 25 mA ±5 mA (When switched on)

### Dimensions

Height	60 mm
Width	12.5 mm
Depth	70 mm
Height NS 35/7,5	144 mm
Height NS 35/15	151.5 mm
Complete module height	115 mm
Complete module width	38 mm
Complete module depth	112.5 mm

### Ambient conditions

Degree of protection	IP30 (Actuation area)
Ambient temperature (operation)	0 °C ... 50 °C (non-condensing)

### Connection data

Connection method	Screw connection
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### Standards and Regulations

Standards/specifications	UL 2367
	UL 508
	CSA 22.2 No. 14

## Classifications

### eCl@ss

eCl@ss 4.0	27141116
eCl@ss 4.1	27141116
eCl@ss 5.0	27141116
eCl@ss 5.1	27141116
eCl@ss 6.0	27141116
eCl@ss 7.0	27141116
eCl@ss 8.0	27141116

### ETIM

ETIM 2.0	EC000899
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## Classifications

### ETIM

ETIM 3.0	EC000899
ETIM 4.0	EC000899
ETIM 5.0	EC000899

### UNSPSC

UNSPSC 6.01	30211812
UNSPSC 7.0901	39121411
UNSPSC 11	39121411
UNSPSC 12.01	39121411
UNSPSC 13.2	39121411

## Approvals

### Approvals

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Approvals

UL Recognized / EAC

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Ex Approvals

CSA

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Approvals submitted

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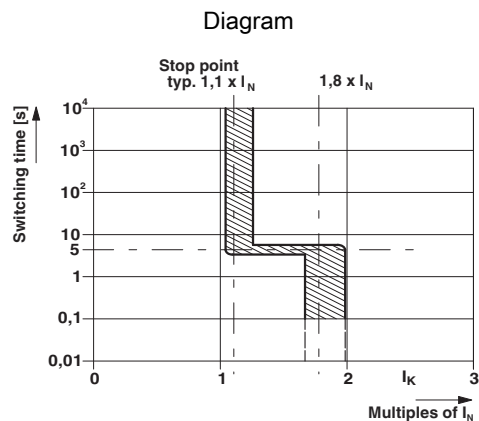
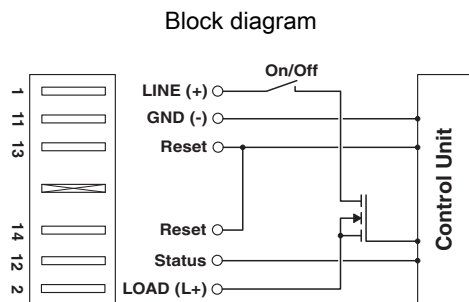
### Approval details

UL Recognized 
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EAC
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## Drawings

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