

## Electronic circuit breaker - ECP-E 4A - 0900414

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Electronic 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

### Your advantages

- ✓ 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	1 pc
GTIN	
GTIN	4046356103978
Weight per Piece (excluding packing)	42.700 g
Custom tariff number	85362010
Country of origin	Germany

### 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

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## Technical data

### General

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
	24 V DC (at 50 °C (UL 2367, UL 508, ANSI/ISA 12.12.01))
	18 V DC ... 32 V DC
Nominal current I <sub>N</sub>	4 A
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>O</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
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## Technical data

### Standards and Regulations

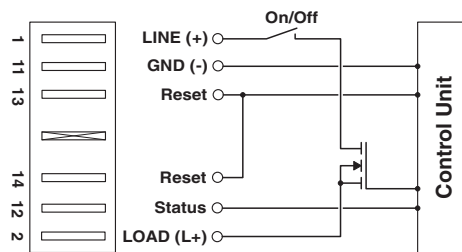
	UL 508
	CSA 22.2 No. 14

### Environmental Product Compliance

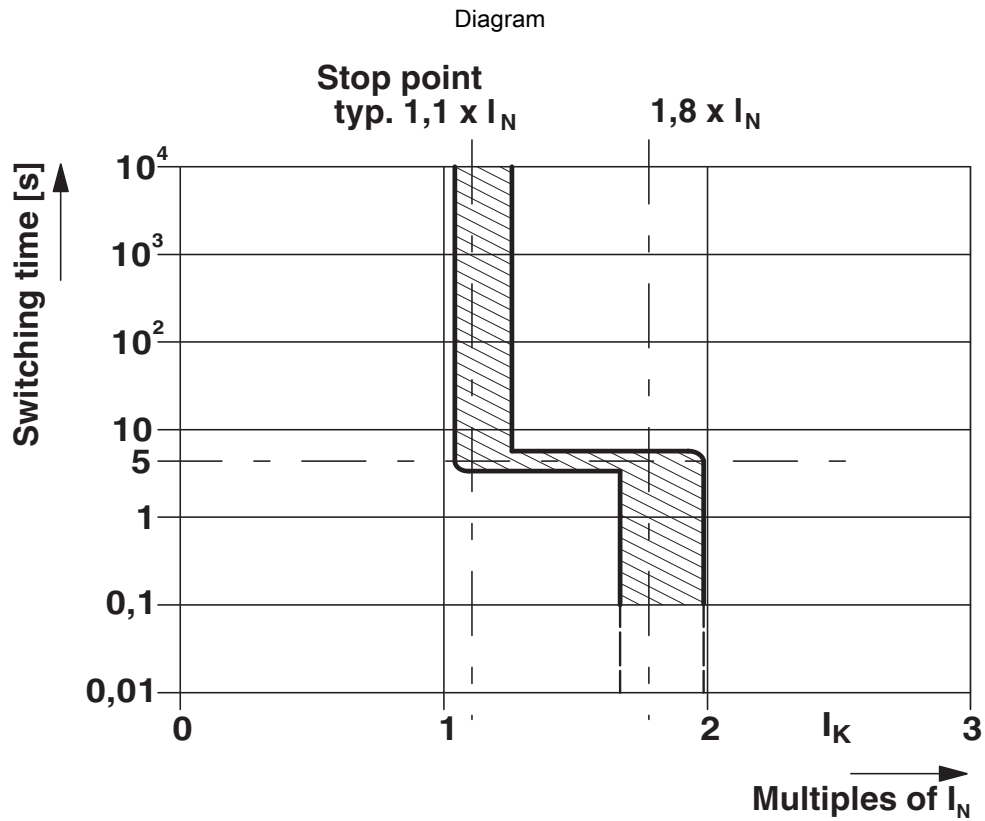
REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50 years
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

## Drawings

Block diagram



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## Classifications

eCl@ss

eCl@ss 10.0.1	27140401
eCl@ss 11.0	27140401
eCl@ss 4.0	27141100
eCl@ss 4.1	27141100
eCl@ss 5.0	27141100
eCl@ss 5.1	27141100
eCl@ss 6.0	27141100
eCl@ss 7.0	27141116
eCl@ss 9.0	27141116

ETIM

ETIM 2.0	EC000899
ETIM 3.0	EC000899
ETIM 4.0	EC000899
ETIM 6.0	EC000899

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## Classifications

### ETIM

ETIM 7.0	EC000899
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### UNSPSC

UNSPSC 6.01	30211812
UNSPSC 7.0901	39121411
UNSPSC 11	39121411
UNSPSC 12.01	39121411
UNSPSC 13.2	39121410
UNSPSC 18.0	39121410
UNSPSC 19.0	39121410
UNSPSC 20.0	39121410
UNSPSC 21.0	39121410

## Approvals

### Approvals

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#### Approvals

UL Recognized


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#### Ex Approvals

UL Recognized / CSA

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### Approval details

UL Recognized		<a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a>	FILE E 317172
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