

Electronic device circuit breaker - ECP-E 3A - 0900317

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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

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)

RoHS

Key Commercial Data

Packing unit	5 pc
GTIN	 4 046356 103985
GTIN	4046356103985

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

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Electrical data

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_N	3 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_{CN}	Active current limitation
Closed-circuit current range I_0	typ. 25 mA $\pm$ 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

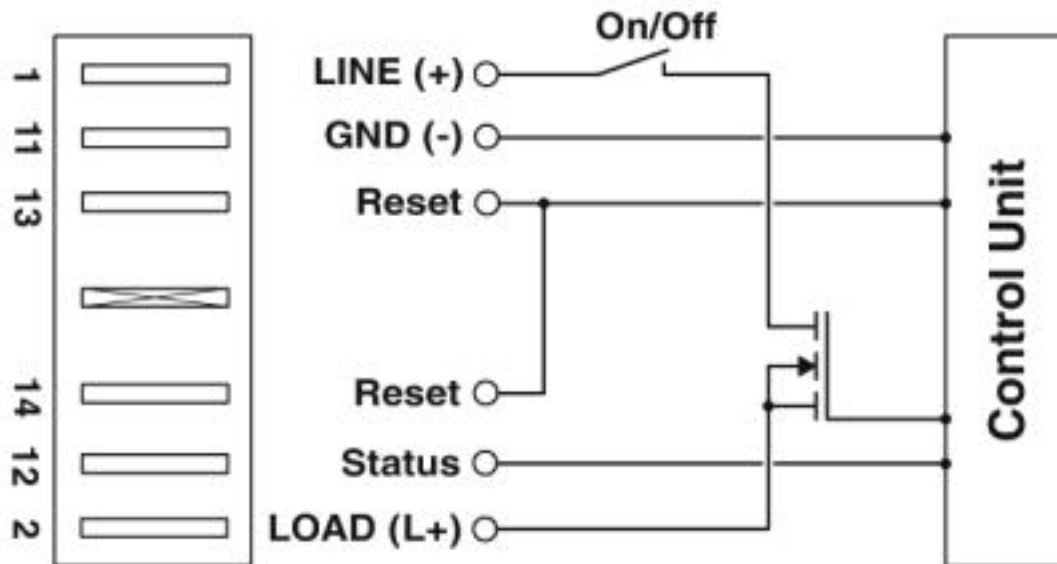
Environmental Product Compliance

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

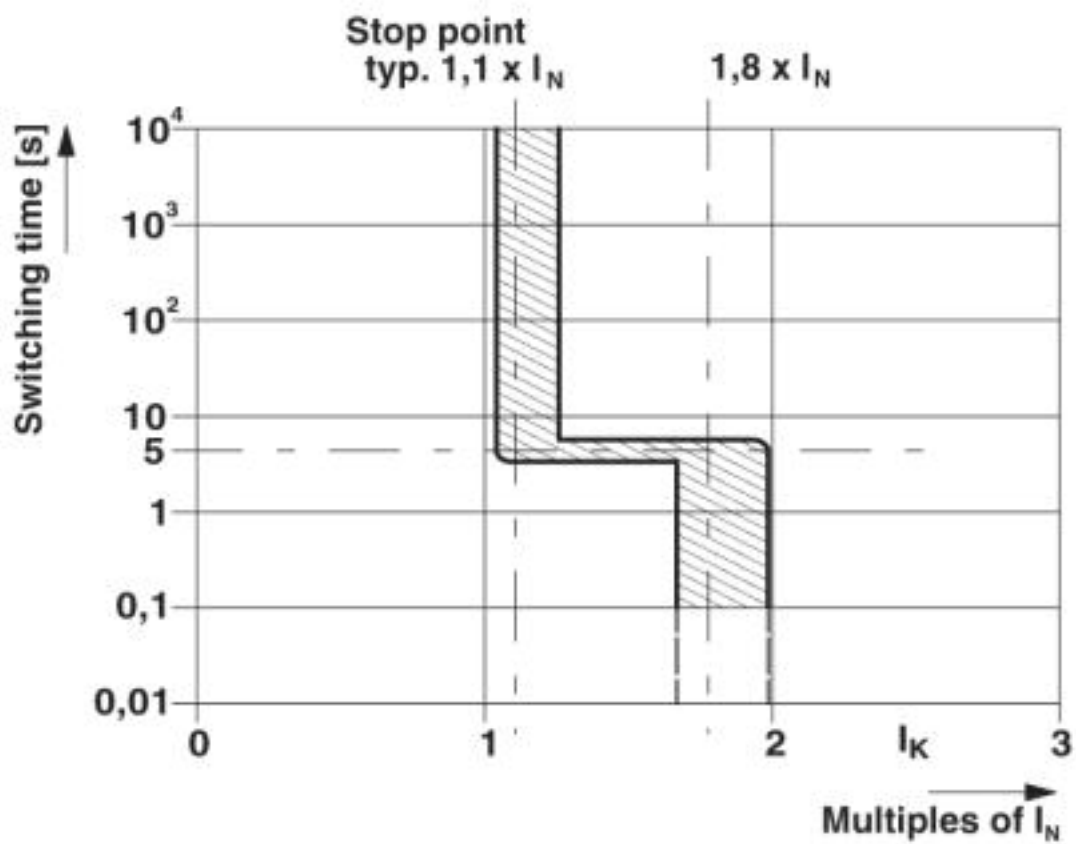
Drawings

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Block diagram



Diagram



Electronic device circuit breaker - ECP-E 3A - 0900317

Approvals

Approvals

Approvals

UL Recognized / EAC / EAC

Ex Approvals

UL Recognized / CSA

Approval details

UL Recognized



<http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm>

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EAC



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