

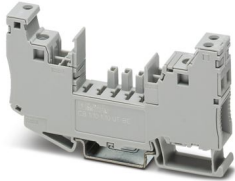
# CB 1/10-1/10 UT-BE - Base element

2801305

<https://www.phoenixcontact.com/us/products/2801305>

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Base element with screw connection technology for CB... device circuit breakers



## Your advantages

- Fast installation with reduced wiring work with bridging options
- Can be extended at any time with the modular design
- Reliable installation with screw connection technology
- Clear assignment of protective plug with coding options

## Commercial data

Item number	2801305
Packing unit	10 pc
Minimum order quantity	10 pc
Sales key	CL04
Product key	CLA193
GTIN	4046356769198
Weight per piece (including packing)	44.47 g
Weight per piece (excluding packing)	39.42 g
Customs tariff number	85366990
Country of origin	ID

## Technical data

### Product properties

Product type	Base element
Product family	CB BE
Type	Base element, DIN rail mounting

### Electrical properties

Nominal voltage $U_N$	277 V
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#### General

Rated voltage	277 V (AC)
	80 V (DC)
Rated insulation voltage $U_i$	277 V AC
Rated current $I_N$	16 A
Rated surge voltage	2.5 kV
Insertion/withdrawal cycles	100

#### Indicator/remote signaling

Connection name	Remote indication circuit
Switching function	Changeover contact

### Connection data

Connection method	Screw connection
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#### Connection 1

Connection method	Screw connection
Tightening torque	1.2 Nm
Stripping length	10 mm
Conductor cross-section flexible min.	0.5 mm <sup>2</sup>
Conductor cross-section flexible max.	16 mm <sup>2</sup>
Conductor cross-section, rigid min.	0.5 mm <sup>2</sup>
Conductor cross-section, rigid max.	16 mm <sup>2</sup>

#### Connection 2

Connection method	Screw connection
Tightening torque	1.2 Nm
Stripping length	10 mm
Conductor cross-section flexible min.	0.5 mm <sup>2</sup>
Conductor cross-section flexible max.	16 mm <sup>2</sup>
Conductor cross-section, rigid min.	0.5 mm <sup>2</sup>
Conductor cross-section, rigid max.	16 mm <sup>2</sup>

#### Remote indication circuit

Connection method	Screw connection
Tightening torque	0.5 Nm

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Stripping length	9 mm
Conductor cross-section flexible	0.14 mm <sup>2</sup> ... 4 mm <sup>2</sup>
Conductor cross-section rigid	0.14 mm <sup>2</sup> ... 4 mm <sup>2</sup>
Conductor cross-section AWG	26 ... 16
Conductor cross-section, flexible, with ferrule, with plastic sleeve	0.14 mm <sup>2</sup> ... 2.5 mm <sup>2</sup>

## Dimensions

Dimensional drawing	
Width	12.3 mm
Height	90.8 mm
Depth	70 mm

## Material specifications

Color	gray (RAL 7042)
	black (RAL 9005)
Flammability rating according to UL 94	V0

## Mechanical properties

### Mechanical data

Open side panel	No
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## Environmental and real-life conditions

### Ambient conditions

Degree of protection	IP30 (Actuation area)
Ambient temperature (operation)	-30 °C ... 60 °C

## Standards and regulations

Standards/specifications	UL 1059
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## Mounting

Mounting type	DIN rail: 35 mm
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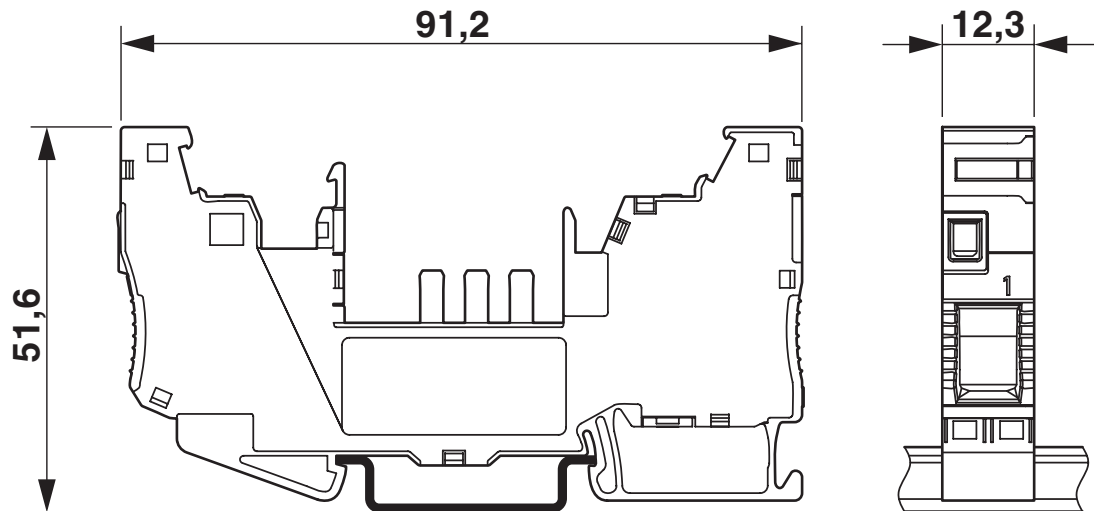
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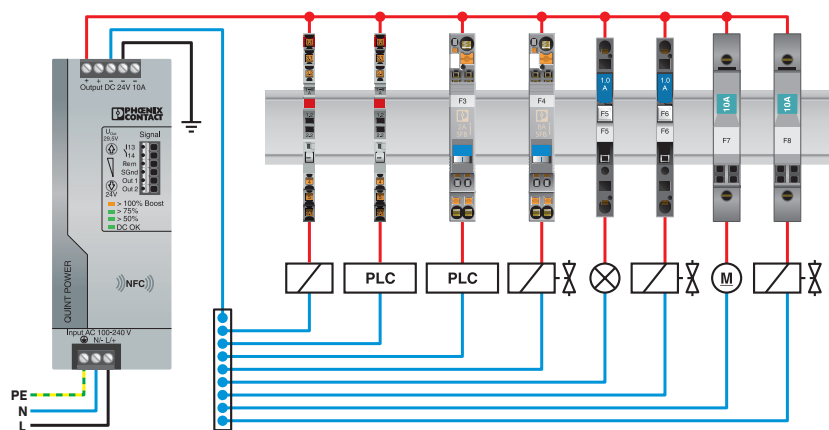
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## Drawings

Dimensional drawing



Application drawing



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## Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/2801305>



**cUL Recognized**  
Approval ID: FILE E 60425



**UL Recognized**  
Approval ID: FILE E 60425



**DNV GL**  
Approval ID: TAE00003C7



**cULus Listed**  
Approval ID: E123528

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## Classifications

### ECLASS

ECLASS-13.0	27140401
ECLASS-15.0	27140401

### ETIM

ETIM 10.0	EC003538
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### UNSPSC

UNSPSC 21.0	39121400
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## Environmental product compliance

### EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
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### China RoHS

Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits

### EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%
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Phoenix Contact USA  
586 Fulling Mill Road  
Middletown, PA 17057, United States  
(+717) 944-1300  
[info@phoenixcon.com](mailto:info@phoenixcon.com)