

Base element - CB 1/6-2/4 PT-BE - 2800929

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Base element with push-in connection technology for CB ... device circuit breakers



Key commercial data

Packing unit	1 pc
Minimum order quantity	10 pc
Weight per Piece (excluding packing)	32.0 GRM
Custom tariff number	85366990
Country of origin	Poland

Technical data

General

Inflammability class according to UL 94	V0
Mounting type	DIN rail: 35 mm
Color	gray
Surge voltage category	III
Insulating material group	I
Pollution degree	3

Electrical data

Nominal voltage U_N	300 V
Rated surge voltage	4 kV
Rated insulation voltage U_i	250 V
Insertion/withdrawal cycles	100

Dimensions

Height	90 mm
Width	12.3 mm

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Technical data

Dimensions

Depth	46.7 mm
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Ambient conditions

Ambient temperature (operation)	-30 °C ... 60 °C
Ambient temperature (storage/transport)	-40 °C ... 120 °C
Degree of protection	IP30 (Actuation area)

Standards and Regulations

Standards/specifications	IEC 60947-7-1
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Connection data

Connection name	Connection 1
Connection method	Push-in connection
Stripping length	12 mm
Conductor cross section stranded min.	0.5 mm ²
Conductor cross section stranded max.	6 mm ²
Conductor cross section solid min.	0.5 mm ²
Conductor cross section solid max.	6 mm ²
Conductor cross section AWG/kcmil min.	20
Conductor cross section AWG/kcmil max	10
Connection name	Connection 2.1/2.2
Connection method	Push-in connection
Stripping length	12 mm
Conductor cross section stranded min.	0.2 mm ²
Conductor cross section stranded max.	4 mm ²
Conductor cross section solid min.	0.2 mm ²
Conductor cross section solid max.	6 mm ²
Conductor cross section AWG/kcmil min.	24
Conductor cross section AWG/kcmil max	10
Connection name	Connection 12/11/14
Connection method	Push-in connection
Stripping length	8 mm
Conductor cross section stranded min.	0.14 mm ²
Conductor cross section stranded max.	1.5 mm ²
Conductor cross section solid min.	0.14 mm ²
Conductor cross section solid max.	1.5 mm ²
Conductor cross section AWG/kcmil min.	26
Conductor cross section AWG/kcmil max	16

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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

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

Approvals

UL Recognized / cUL Recognized / GL / EAC / EAC / cULus Recognized

Ex Approvals

Approvals submitted

Approval details

UL Recognized 

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Approvals

cUL Recognized 

GL

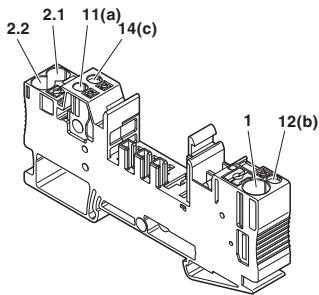
EAC

EAC

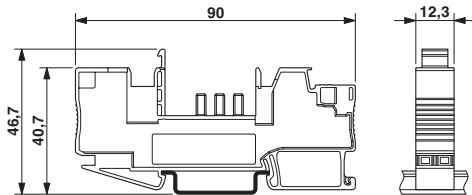
cULus Recognized  US

Drawings

Connection diagram



Dimensional drawing



				
1	12 mm	0.5 - 6 mm ² AWG 20-10		
2.1 / 2.2		0.25 - 6 mm ² AWG 24-10	0.2 - 4 mm ² AWG 24-12	
11(a)/12 (b)/ 14 (c)	8 mm	0.14 - 1.5 mm ² AWG 26-16	0.14 - 1 mm ² AWG 26-18	0.14 - 1.5 mm ² AWG 26-16

Connection of the cables

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Application drawing

