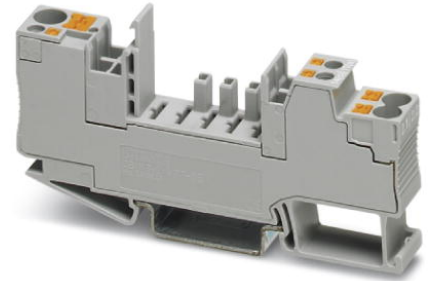


## CB 1/6-2/4 PT-BE


Order No.: 2800929



<http://eshop.phoenixcontact.co.uk/phoenix/treeViewClick.do?UID=2800929>

Base element for CB... device circuit breakers

### Commercial data

EAN	 4 046356 690638
Pack	10
Customs tariff	85369010
Country of Origin	PL

### Product notes

WEEE/RoHS-compliant since:  
22/06/2011

Please note that the data given here has been taken from the online catalog. For comprehensive information and data, please refer to the user documentation at <http://www.download.phoenixcontact.com>. The General Terms and Conditions of Use apply to Internet downloads.

### Technical data

#### General

Height	90 mm
Width	12.3 mm
Depth	46.7 mm
Ambient temperature (operation)	-30 °C ... 60 °C
Ambient temperature (storage/transport)	-40 °C ... 120 °C
Inflammability class according to UL 94	V0

Degree of protection	IP30 (Actuation area)
Mounting type	DIN rail: 35 mm
Color	gray
Surge voltage category	III
Insulating material group	I
Pollution degree	3

**Connection data**

Connection name	Connection 1
Connection method	Push-in connection
Stripping length	12 mm
Conductor cross section stranded min.	0.5 mm <sup>2</sup>
Conductor cross section stranded max.	6 mm <sup>2</sup>
Conductor cross section solid min.	0.5 mm <sup>2</sup>
Conductor cross section solid max.	6 mm <sup>2</sup>
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 <sup>2</sup>
Conductor cross section stranded max.	4 mm <sup>2</sup>
Conductor cross section solid min.	0.2 mm <sup>2</sup>
Conductor cross section solid max.	6 mm <sup>2</sup>
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 <sup>2</sup>
Conductor cross section stranded max.	1.5 mm <sup>2</sup>
Conductor cross section solid min.	0.14 mm <sup>2</sup>
Conductor cross section solid max.	1.5 mm <sup>2</sup>
Conductor cross section AWG/kcmil min.	26
Conductor cross section AWG/kcmil max	14

#### Technical data

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

#### Standards

Standard - Electrical safety	IEC 60947-7-1
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#### Accessories

Item	Designation	Description
<b>Bridges</b>		
3030336	FBS 2-6	Plug-in bridge, Number of positions: 2, Color: red
3030242	FBS 3-6	Plug-in bridge, Number of positions: 3, Color: red
3030255	FBS 4-6	Plug-in bridge, Number of positions: 4, Color: red
3030349	FBS 5-6	Plug-in bridge, Number of positions: 5, Color: red
3030271	FBS 10-6	Plug-in bridge, Number of positions: 10, Color: red
3030365	FBS 20-6	Plug-in bridge, Number of positions: 20, Color: red
3032224	FBS 50-6	Plug-in bridge, Number of positions: 50, Color: red

#### Marking

3040588	PC	Keying star, Length: 3 mm, Width: 3 mm, Height: 6 mm, Color: red
0819233	UC-TMF 12	Marker for terminal blocks, Sheet, white, Unlabeled, Can be labeled with: Bluemark, Plotter, Mounting type: Snap into flat marker groove, For terminal block width: 12 mm, Lettering field: 11.45 x 5.1 mm
0824670	UC-TMF 12 CUS	Marker for terminal blocks, Sheet, white, Labeled according to customer specifications, Mounting type: Snap into flat marker groove, For terminal block width: 12 mm, Lettering field: 11.45 x 5.1 mm
0829214	UCT-TMF 12	Marker for terminal blocks, Sheet, white, Unlabeled, Can be labeled with: Thermomark C, Bluemark, Mounting type: Snap into flat marker groove, For terminal block width: 12 mm, Lettering field: 11.2 x 4.7 mm
0829686	UCT-TMF 12 CUS	Marker for terminal blocks, Sheet, white, Labeled according to customer specifications, Mounting type: Snap into flat marker groove, For terminal block width: 12 mm, Lettering field: 11.2 x 4.7 mm
0825018	ZBF 12 CUS	Zack Marker strip, flat, Strip, white, Labeled according to customer specifications, Mounting type: Snap into flat marker groove, For terminal block width: 12 mm, Lettering field: 5.15 x 12.15 mm

0809735	ZBF 12:UNBEDRUCKT	Zack Marker strip, flat, Strip, white, Unlabeled, Can be labeled with: Plotter, Mounting type: Snap into flat marker groove, For terminal block width: 12 mm, Lettering field: 5.15 x 12.15 mm
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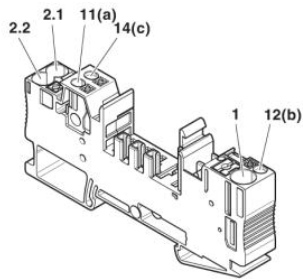
**Tools**

1212045	CRIMPFOX 10S	<b>Crimping pliers</b> , for ferrules according to DIN 46228, 0.14 - 10 mm <sup>2</sup> , pressure lock can be unlocked, lateral entry
1212124	CUTFOX-FBS	<b>Cutting tool</b> , for separating individual jumper bars from FBS ... plug-in bridges and EB ... insertion bridges

**Drawings**

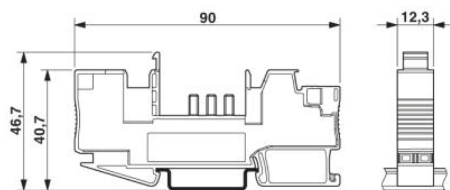
Connection diagram

Connection of the cables



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

Dimensioned drawing



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