

<https://www.phoenixcontact.com/gb/products/2800929>

## 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




### Your advantages

- For accommodating CB TM.../CB E... device circuit breakers
- DIN rail module
- With bridge shafts
- Systematic structure with 1-channel base elements possible
- Can be loaded with up to 41 A if two bridges are connected for the supply.



### Key Commercial Data

Packing unit	10 pc
Minimum order quantity	10 pc
GTIN	 4 046356 690638
GTIN	4046356690638
Weight per Piece (excluding packing)	33.150 g
Custom tariff number	85366990
Country of origin	Poland
Sales Key	CLA193

### Technical data

#### Dimensions

Height	90 mm
Width	12.3 mm
Depth	46.7 mm

#### Ambient conditions

Ambient temperature (operation)	-30 °C ... 60 °C
Ambient temperature (storage/transport)	-40 °C ... 120 °C

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### Technical data

#### Ambient conditions

Degree of protection	IP30 (Actuation area)
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#### General

Flammability rating according to UL 94	V0
Mounting type	DIN rail: 35 mm
Color	gray
Overvoltage category	III
Insulating material group	I
Degree of pollution	3
Type	Base element, DIN rail mounting

#### Electrical data

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

#### Connection data

Connection name	Connection 1
Connection method	Push-in connection
Stripping length	12 mm
Conductor cross section flexible min.	0.5 mm <sup>2</sup>
Conductor cross section flexible 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 min.	20
Conductor cross section AWG max.	10
Connection name	Connection 2.1/2.2
Connection method	Push-in connection
Stripping length	12 mm
Conductor cross section flexible min.	0.2 mm <sup>2</sup>
Conductor cross section flexible 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 min.	24
Conductor cross section AWG max.	10
Connection name	Connection 12/11/14
Connection method	Push-in connection
Stripping length	8 mm
Conductor cross section flexible min.	0.14 mm <sup>2</sup>
Conductor cross section flexible max.	1.5 mm <sup>2</sup>
Conductor cross section solid min.	0.14 mm <sup>2</sup>

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

### Technical data

#### Connection data

Conductor cross section solid max.	1.5 mm <sup>2</sup>
Conductor cross section AWG min.	26
Conductor cross section AWG max.	16

#### Standards and Regulations

Standards/specifications	IEC 60947-7-1
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#### Environmental Product Compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

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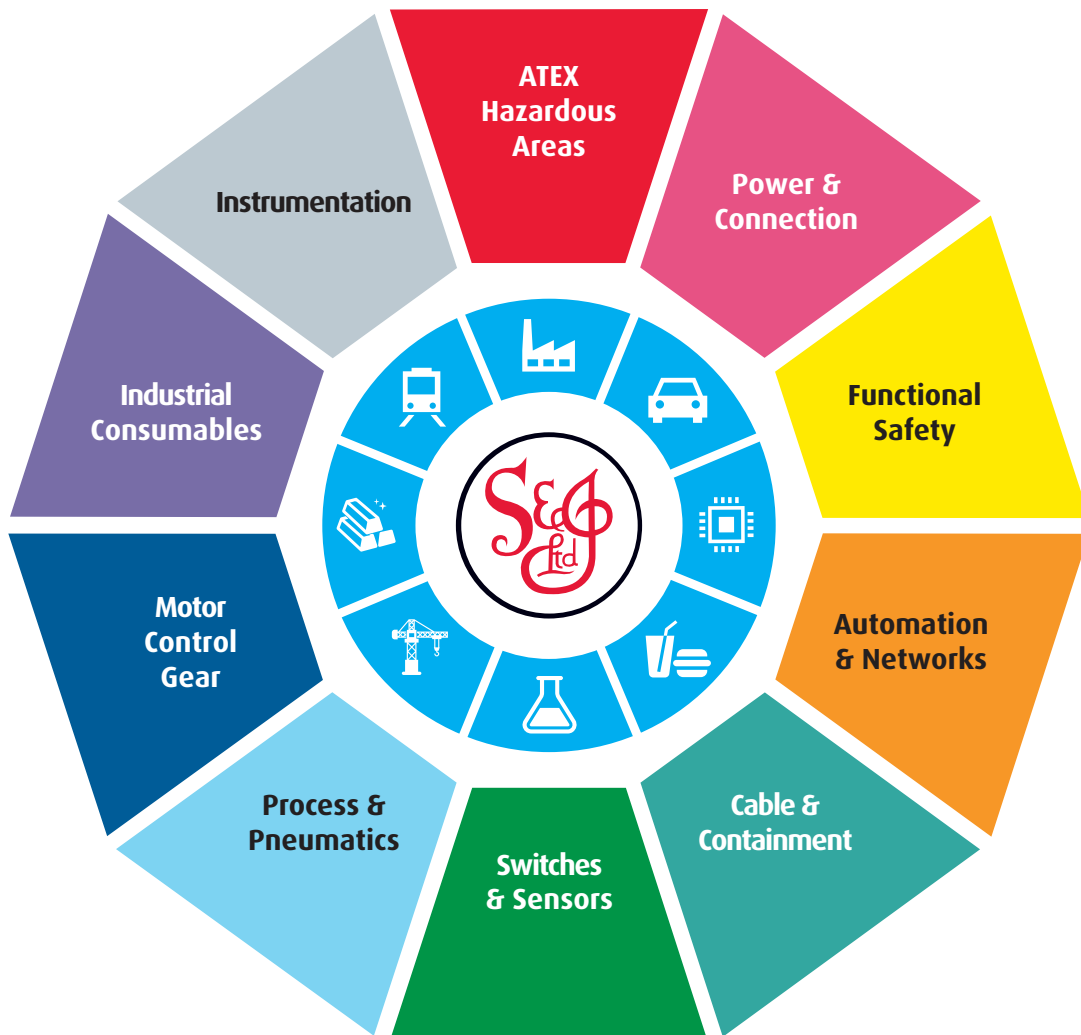
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