

0804039

<https://www.phoenixcontact.com/us/products/0804039>

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Socket, Pin connector pattern type CF, Push-in spring connection, green, for mounting on a DIN rail in the service interface or direct mounting, 250 V AC, 16 A, -20 °C, 60 °C, VDE 0620-1

Commercial data

Item number	0804039
Packing unit	1 pc
Minimum order quantity	5 pc
Sales key	BE76
Product key	BE7621
Catalog page	Page 562 (C-3-2019)
GTIN	4055626225791
Weight per piece (including packing)	73.525 g
Weight per piece (excluding packing)	71.25 g
Customs tariff number	85366990
Country of origin	PL

Technical data

Product properties

Product type	Socket
Country ID	Germany

Electrical properties

Nominal voltage U_N	250 V AC (50 Hz)
Nominal current I_N	16 A

Signaling

Status display	No
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Dimensions

Width	45 mm
Height	75 mm
Depth	75 mm

Material specifications

Color	green
Flammability rating according to UL 94	V0
Insulating material	PA
Contact material	CuZn37
Static insulating material application in cold	-60 °C
Temperature index of insulation material (DIN EN 60216-1 (VDE 0304-21))	130 °C
Relative insulation material temperature index (Elec., UL 746 B)	130 °C
Fire protection for rail vehicles (DIN EN 45545-2) R22	HL 1 - HL 3
Fire protection for rail vehicles (DIN EN 45545-2) R23	HL 1 - HL 3
Fire protection for rail vehicles (DIN EN 45545-2) R24	HL 1 - HL 3
Fire protection for rail vehicles (DIN EN 45545-2) R26	HL 1 - HL 3
Calorimetric heat release NFPA 130 (ASTM E 1354)	28 MJ/kg
Surface flammability NFPA 130 (ASTM E 162)	passed
Specific optical density of smoke NFPA 130 (ASTM E 662)	passed
Smoke gas toxicity NFPA 130 (SMP 800C)	passed

Connector

Type of plug	Pin connector pattern type CF
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Environmental and real-life conditions

Ambient conditions

Degree of protection	IP20
Ambient temperature (operation)	-20 °C ... 60 °C (max. short-term operating temperature RTI Elec.)

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Ambient temperature (storage/transport)	-25 °C ... 60 °C (for a short time, not exceeding 24 h, -60 °C to +70 °C)
Permissible humidity (storage/transport)	30 % ... 70 %

Standards and regulations

Standards

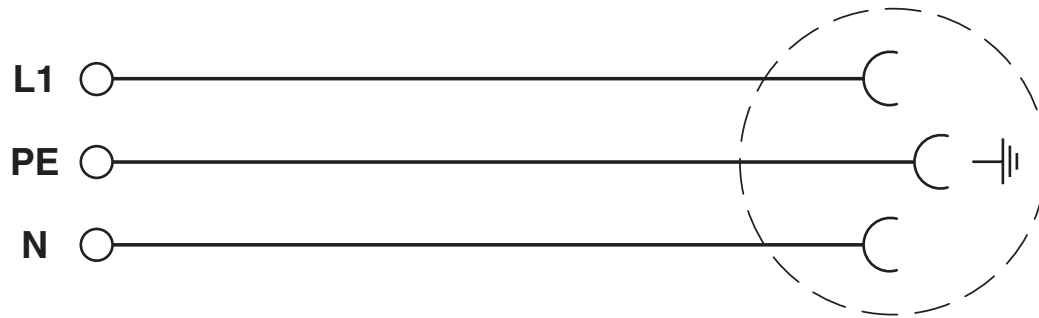
Standards/regulations	VDE 0620-1
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Mounting

Mounting type	for mounting on a DIN rail in the service interface or direct mounting
Connection method	Push-in spring connection


Drawings


Circuit diagram




Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/0804039>

**EAC**
Approval ID: RU C-DE.BL08.B.00511

	VDE Gutachten mit Fertigungsüberwachung Approval ID: 40047713			
	Nominal voltage U _N	Nominal current I _N	Cross section AWG	Cross section mm ²
	250 V	16 A	-	-

**EAC-RoHS**
Approval ID: RU D-DE.HB49.B.00025

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Classifications

ECLASS

ECLASS-11.0	27142305
ECLASS-12.0	27142305
ECLASS-13.0	27142305

ETIM

ETIM 8.0	EC001663
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UNSPSC

UNSPSC 21.0	39121400
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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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Accessories

UC-TMF 8 - Marker for terminal blocks

0818137

<https://www.phoenixcontact.com/us/products/0818137>



Marker for terminal blocks, Sheet, white, unlabeled, can be labeled with: BLUEMARK ID COLOR, BLUEMARK ID, BLUEMARK CLED, PLOTMARK, CMS-P1-PLOTTER, mounting type: snapped, for terminal block width: 8.2 mm, lettering field size: 7.6 x 5.1 mm, Number of individual labels: 56

UC-TMF 16 - Marker for terminal blocks

0819262

<https://www.phoenixcontact.com/us/products/0819262>



Marker for terminal blocks, Sheet, white, unlabeled, can be labeled with: BLUEMARK ID COLOR, BLUEMARK ID, BLUEMARK CLED, PLOTMARK, CMS-P1-PLOTTER, mounting type: snapped, for terminal block width: 16 mm, lettering field size: 15.45 x 5.1 mm, Number of individual labels: 32

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ZBF 8:UNBEDRUCKT - Zack Marker strip, flat

0808781

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Zack Marker strip, flat, Strip, white, unlabeled, can be labeled with: PLOTMARK, CMS-P1-PLOTTER, mounting type: snapped, for terminal block width: 8 mm, lettering field size: 5.15 x 8.15 mm, Number of individual labels: 10

ZBF 16:UNPRINTED - Zack Marker strip, flat

0827464

<https://www.phoenixcontact.com/us/products/0827464>



Zack Marker strip, flat, Strip, white, unlabeled, can be labeled with: PLOTMARK, CMS-P1-PLOTTER, mounting type: snapped, for terminal block width: 16 mm, lettering field size: 16.25 x 10.5 mm, Number of individual labels: 50