

EO-CF/UT/YE - Socket



1068038

<https://www.phoenixcontact.com/us/products/1068038>

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Socket, Pin connector pattern type CF, yellow, for mounting on a DIN rail in the service interface or direct mounting, -5 °C, 40 °C, VDE 0620-1

Commercial data

Item number	1068038
Packing unit	5 pc
Minimum order quantity	5 pc
Sales key	BE76
Product key	BE7611
Catalog page	Page 562 (C-3-2019)
GTIN	4055626739823
Weight per piece (including packing)	73.51 g
Weight per piece (excluding packing)	73.51 g
Customs tariff number	85366990
Country of origin	PL

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Technical data

Product properties

Product type	Socket
Country ID	Germany

Data management status

Article revision	04
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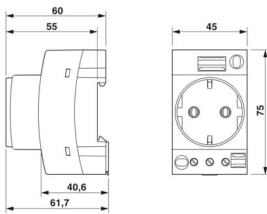
Connection data

Screw thread	M3
Tightening torque	0.5 ... 0.6 Nm
Stripping length	8 mm
Internal cylindrical gage	A3
	B3
Conductor cross section rigid	0.2 mm² ... 4 mm²
Cross section AWG	24 ... 12 (converted acc. to IEC)
Conductor cross section flexible	0.25 mm² ... 2.5 mm²
Conductor cross section, flexible [AWG]	24 ... 14 (converted acc. to IEC)
Conductor cross-section flexible (ferrule without plastic sleeve)	0.25 mm² ... 2.5 mm²
Flexible conductor cross section (ferrule with plastic sleeve)	0.25 mm² ... 2.5 mm²
Conductor cross-section flexible (2 conductors with the same cross-section, with TWIN ferrule and plastic sleeve)	0.2 mm² ... 4 mm²
Nominal current	16 A
Nominal voltage	250 V AC (50 Hz)

Signaling

Status display	no
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Dimensions

Dimensional drawing	
Width	45 mm
Height	75 mm
Depth	75 mm

Material specifications

Color	yellow (RAL 1018)
Flammability rating according to UL 94	V0

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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)	-5 °C ... 40 °C ()
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

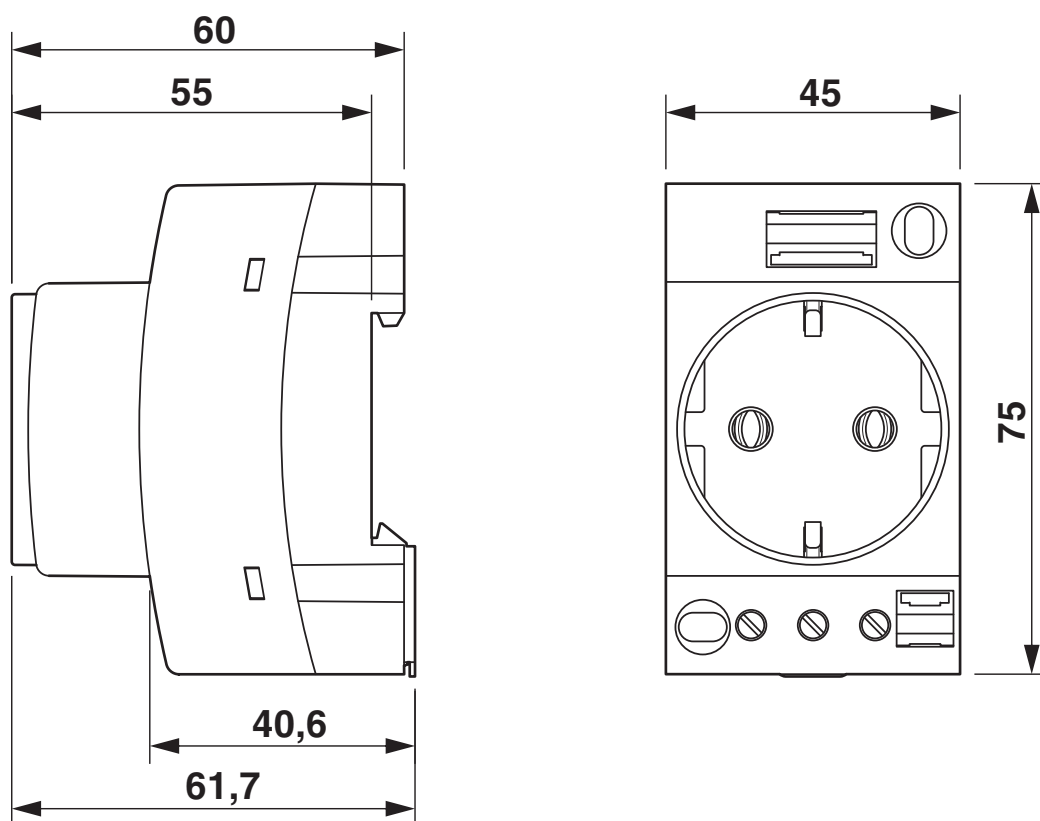
Standards/regulations	VDE 0620-1
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Mounting

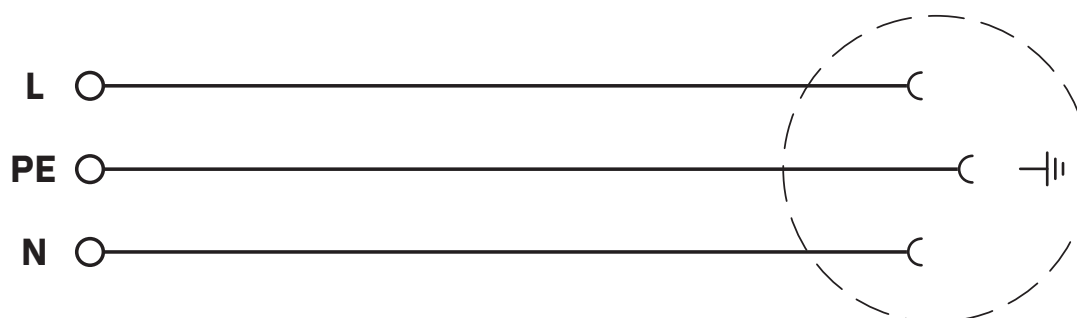
Mounting type	for mounting on a DIN rail in the service interface or direct mounting
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Drawings

Dimensional drawing



Circuit diagram



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Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1068038>



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

	VDE Zeichengenehmigung Approval ID: 40047711			
	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 9.0	EC001663
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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
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%