

EO-CF/UT/LED/YE - Socket

1068028

<https://www.phoenixcontact.com/us/products/1068028>



Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.



Socket, Pin connector pattern type CF, LED display, 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	1068028
Packing unit	5 pc
Minimum order quantity	5 pc
Sales key	BE76
Product key	BE7611
Catalog page	Page 562 (C-3-2019)
GTIN	4055626738970
Weight per piece (including packing)	75.08 g
Weight per piece (excluding packing)	75.08 g
Customs tariff number	85366990
Country of origin	PL

1068028

<https://www.phoenixcontact.com/us/products/1068028>

Technical data

Product properties

Product type	Socket
Country ID	Germany

Data management status

Article revision	05
------------------	----

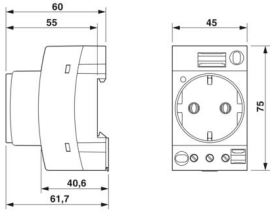
Connection data

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	yes
----------------	-----

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

1068028

<https://www.phoenixcontact.com/us/products/1068028>

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
--------------	-------------------------------

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP20
Ambient temperature (operation)	-5 °C ... 40 °C (Average value over a period of 24 hours not above +35°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

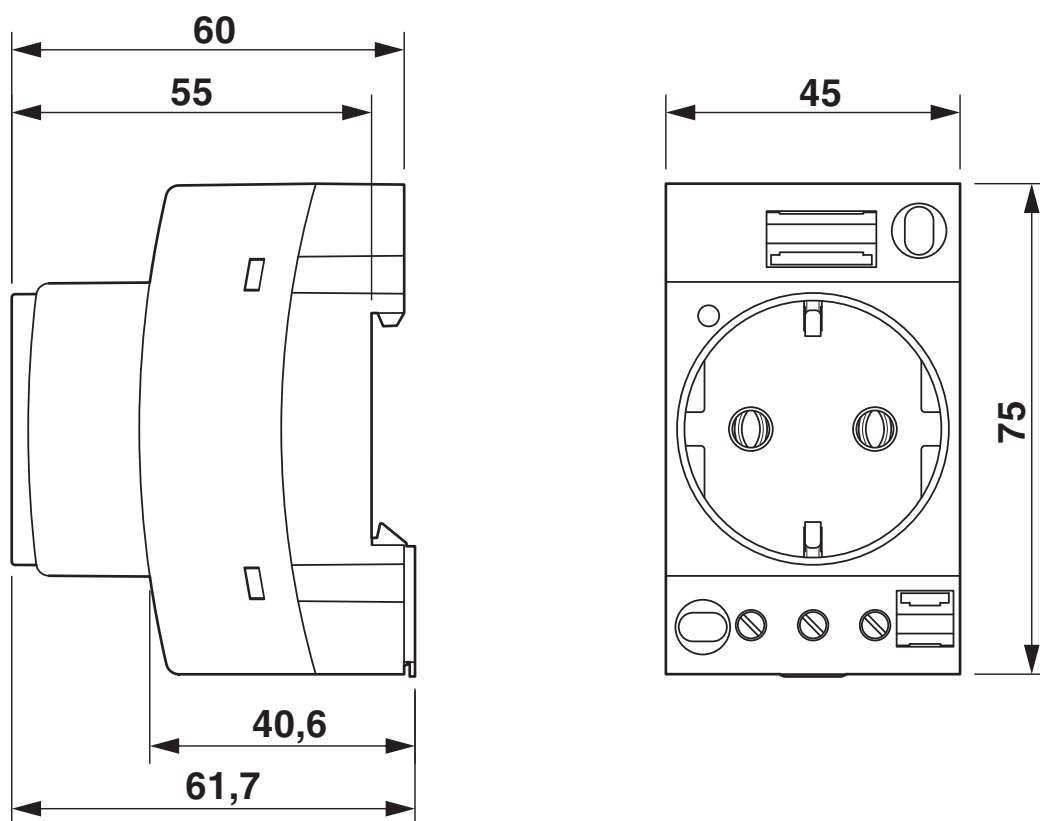
Standards/regulations	VDE 0620-1
-----------------------	------------

Mounting

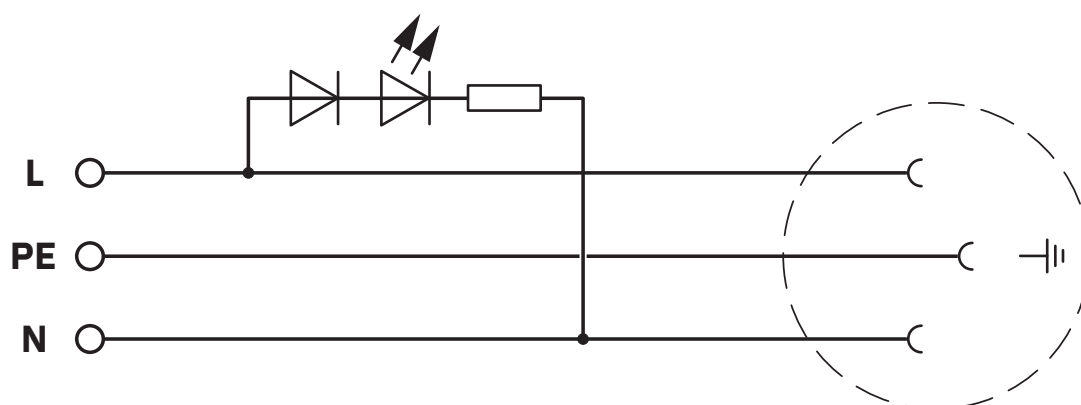
Mounting type	for mounting on a DIN rail in the service interface or direct mounting
---------------	--

Drawings

Dimensional drawing



Circuit diagram



EO-CF/UT/LED/YE - Socket

1068028

<https://www.phoenixcontact.com/us/products/1068028>



Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1068028>



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

1068028

<https://www.phoenixcontact.com/us/products/1068028>

Classifications

ECLASS

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

ETIM

ETIM 9.0	EC001663
----------	----------

UNSPSC

UNSPSC 21.0	39121400
-------------	----------

Environmental product compliance

EU RoHS	
Fulfills EU RoHS substance requirements	Yes
Exemption	7(a), 7(c)-I
China RoHS	
Environment friendly use period (EFUP)	EFUP-50
	An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.
EU REACH SVHC	
REACH candidate substance (CAS No.)	Lead(CAS: 7439-92-1)
SCIP	dd3afc8e-eee3-46d7-82bb-7eca1aa97deb