EO-G/PT/SH/LED - Socket

0804065

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Socket, with extended touch protection/shutter, LED display, Pin connector pattern type G, connection method: Push-in spring connection, color: gray, nom. voltage: 250 V AC (50 Hz), nominal current: 13 A, for mounting on a DIN rail in the service interface or direct mounting, standards/specifications: BS 1363-2, IEC 60884-1, Country marking: Great Britain

Commercial data

Item number	0804065
Packing unit	5 pc
Minimum order quantity	5 pc
Sales key	BE76
Product key	BE7627
GTIN	4055626226026
Weight per piece (including packing)	85.36 g
Weight per piece (excluding packing)	84.84 g
Customs tariff number	85366990
Country of origin	PL

Technical data

Notes

General

Note	The nominal current does not apply for fuse versions. In this case, the current is determined by the fuse.

Product properties

Product type	Socket
Country ID	Great Britain

Connection data

Connection method	Push-in spring connection
Note	The electrical outlets with Push-in connection are not designed for through-wiring. Connect a maximum of one conductor to each terminal point. Multiple assignment of one terminal point is not permitted.
Stripping length	10 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)	0.25 mm² ... 2.5 mm²
Nominal current	13 A
Nominal voltage	250 V AC (50 Hz)

Connection cross sections directly pluggable

Conductor cross-section rigid	0.5 mm² ... 4 mm²
Conductor cross-section flexible (ferrule without plastic sleeve)	1 mm² ... 2.5 mm²
Flexible conductor cross-section (ferrule with plastic sleeve)	1 mm² ... 2.5 mm²

Signaling

Status display	yes

Dimensions

Width	45 mm
Height	75 mm
Depth	60 mm
Depth on NS 35/7,5	60.8 mm
Depth on NS 35/15	68.3 mm

Hole diameter	4.4 mm

Material specifications

Color	gray (RAL 7042)
Flammability rating according to UL 94	V0
Insulating material	PA
Contact material	CuZn38
Static insulating material application in cold	-60 °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
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 G

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP20
Ambient temperature (operation)	-45 °C ... 70 °C (max. operating temperature range including self-heating, see derating curve)
Ambient temperature (storage/transport)	-45 °C ... 70 °C
Permissible humidity (storage/transport)	30 % ... 70 %
Resistance against air humidity	95 % ... 48 h

Standards and regulations

Standards

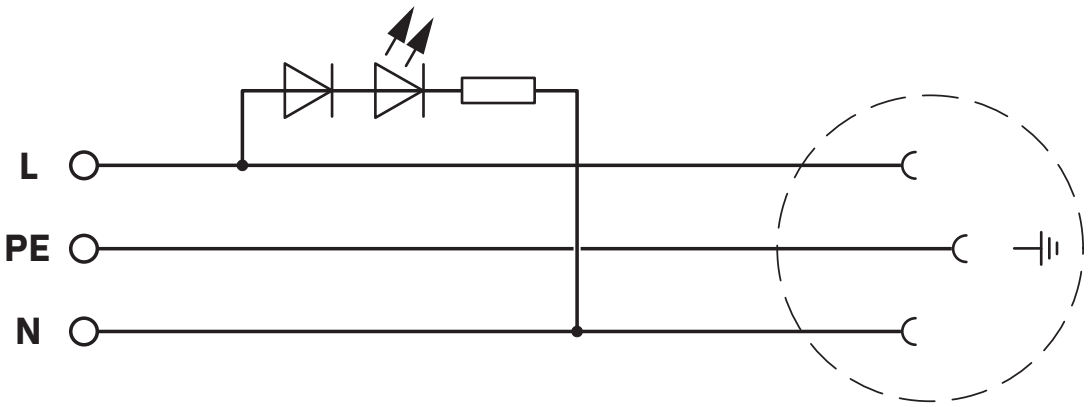
Standards/regulations	BS 1363-2
	IEC 60884-1

Mounting

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

Drawings

Circuit diagram



Approvals

To download certificates, visit the product detail page: https://www.phoenixcontact.com/us/products/0804065

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

EAC
Approval ID: KZ7500651131219505

IECEE CB Scheme
Approval ID: DE1-71553

VDE Zeichengenehmigung
Approval ID: 40062963

Classifications

ECLASS

ECLASS-13.0	27142305
ECLASS-15.0	27142305

ETIM

ETIM 10.0	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	f868fdaa-fb98-4389-a4cc-e04cbd8c20a8

EF3.1 Climate Change

CO2e kg	0.665 kg CO2e

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