EO-AB/UT/LED/DUO/V/GFI/20 - Double socket

1263627

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Double socket, in vertical arrangement, integrated residual current operated circuit breaker (GFCI Class A), Pin connector pattern type AB 20A, connection method: Screw connection, color: gray, nom. voltage: 125 V AC (60 Hz), nominal current: 20 A, DIN rail or direct mounting, standards/specifications: UL 508A, Country marking: USA

Commercial data

Item number	1263627
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	BE76
Product key	BE7613
GTIN	4063151375379
Weight per piece (including packing)	286.3 g
Weight per piece (excluding packing)	286.3 g
Customs tariff number	85366990
Country of origin	PL

Technical data

Notes

General	integrated residual current device (GFCI Class A)

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	USA
Response time	25 ms (6 mA)

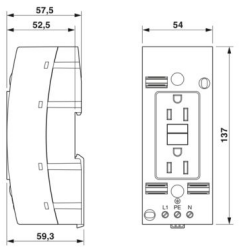
Connection data

Connection method	Screw connection
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	20 A
Nominal voltage	125 V AC 60 Hz
Tolerance	-18% ... +5%

Signaling

Status display	yes

Dimensions

Dimensional drawing	

Width	54 mm
Height	137 mm
Depth	62.3 mm
Depth on NS 35/7,5	63 mm
Depth on NS 35/15	70.5 mm
Hole diameter	4.4 mm

Material specifications

Color	gray (RAL 7042)
Flammability rating according to UL 94	V2
Insulating material	PA
Contact material	CuZn38
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
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 AB 20A

Environmental and real-life conditions

Oscillation/broadband noise

Specification	DIN EN 50155 (VDE 0115-200):2022-06
Spectrum	Long life test category 2, bogie-mounted
Frequency	f_1 = 5 Hz to f_2 = 250 Hz
ASD level	6.12 $(m/s^2)^2/Hz$
Acceleration	3.12g
Test duration per axis	5 h
Test directions	X-, Y- and Z-axis
Result	Test passed

Shocks

Specification	DIN EN 50155 (VDE 0115-200):2022-06
Pulse shape	Half-sine
Acceleration	30g
Shock duration	18 ms
Number of shocks per direction	3

Test directions	X-, Y- and Z-axis (pos. and neg.)
Result	Test passed

Ambient conditions

Degree of protection	IP20
Ambient temperature (operation)	-35 °C ... 66 °C (according to IEC 60884-1, average value over a period of 24 hours not above +35°C)
Resistance against air humidity	95 % ... 48 h

Standards and regulations

Standards

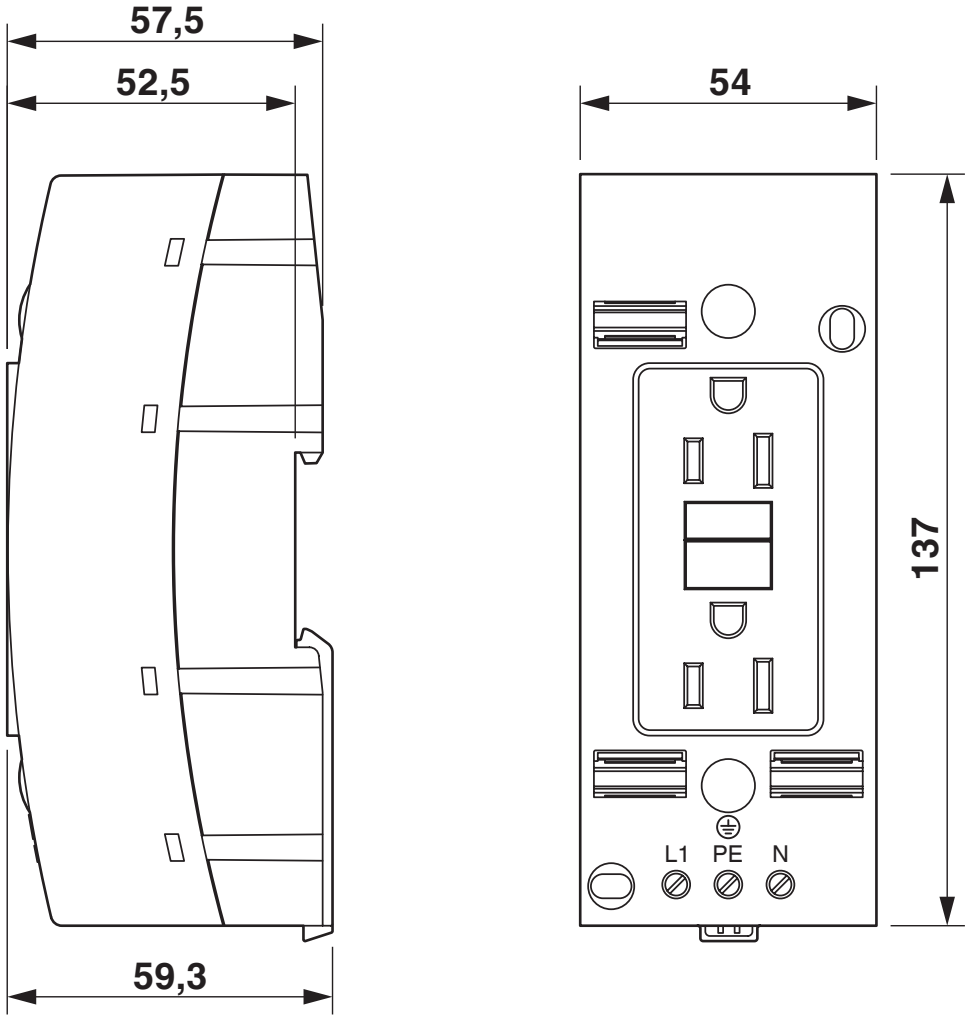
Standards/regulations	UL 508A

Mounting

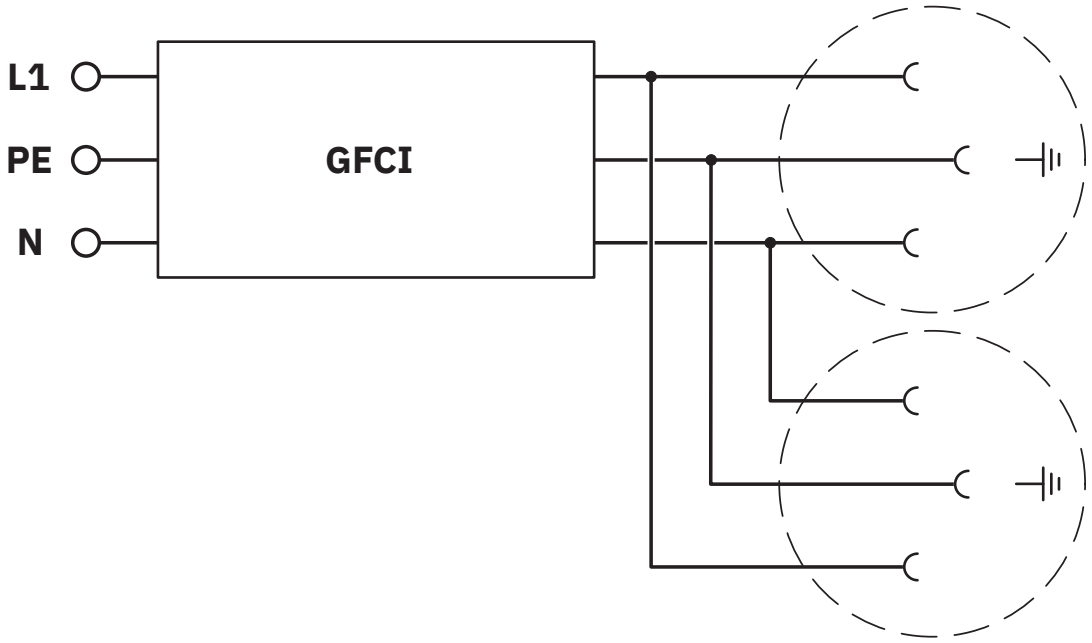
Mounting type	DIN rail or direct mounting

Drawings

Dimensional drawing



Circuit diagram



Approvals

To download certificates, visit the product detail page: https://www.phoenixcontact.com/us/products/1263627

cULus Recognized
Approval ID: E255026

	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
keine				
	125 V	20 A	24 - 12	-

CSA
Approval ID: 13631

	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
keine				
	120 V	20 A	24 - 12	-

EAC
Approval ID: KZ7500651131219505

Classifications

ECLASS

ECLASS-13.0	27142305
ECLASS-15.0	27142305

ETIM

ETIM 10.0	EC001663

UNSPSC

UNSPSC 21.0	39121406

Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes
Exemption	6(a), 7(a), 7(c)-I

China RoHS

Environment friendly use period (EFUP)	EFUP-25
	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	85d373d5-cced-4a5f-9a51-dfcce449d4e0

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