

EO-AB/UT/LED/15-USB-A/C - Socket



1494902

<https://www.phoenixcontact.com/us/products/1494902>

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Socket, LED display and integrated USB, 1x type A and 1x type C, 5 V/3 A (total), Pin connector pattern type AB 15A, connection method: Screw connection, color: gray, nom. voltage: 125 V AC (60 Hz), nominal current: 15 A, DIN rail or direct mounting, standards/specifications: UL 508, CSA C22.2 No. 14, Country marking: Canada, USA

Your advantages

- No additional need for USB chargers or external power supply units
- Reliable USB power supply directly in the control cabinet
- More operational safety and less cable chaos
- Faster installation thanks to integrated solution
- Future-proof equipment for modern applications

Commercial data

Item number	1494902
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	BE76
Product key	BE7613
GTIN	4063151943929
Weight per piece (including packing)	160.8 g
Weight per piece (excluding packing)	22.22 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.
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Product properties

Product type	Socket
Country ID	Canada
	USA

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 mm ² ... 4 mm ²
Cross section AWG	24 ... 12 (converted acc. to IEC)
Conductor cross-section flexible	0.25 mm ² ... 2.5 mm ²
Conductor cross-section, flexible [AWG]	24 ... 14 (converted acc. to IEC)
Conductor cross-section flexible (ferrule without plastic sleeve)	0.25 mm ² ... 2.5 mm ²
Flexible conductor cross-section (ferrule with plastic sleeve)	0.25 mm ² ... 2.5 mm ²
Conductor cross-section flexible (2 conductors with the same cross-section, with TWIN ferrule and plastic sleeve)	0.2 mm ² ... 4 mm ²
Nominal current	15 A
Nominal voltage	125 V AC (60 Hz)

Dimensions

Width	66 mm
Height	75.4 mm
Depth	58.9 mm
Depth on NS 35/7,5	60 mm
Depth on NS 35/15	67.5 mm

Material specifications

Color	gray (RAL 7042)
Insulating material	PA
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

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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 15A
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Environmental and real-life conditions

Ambient conditions

Ambient temperature (operation)	-5 °C ... 40 °C (according to IEC 60884-1, 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

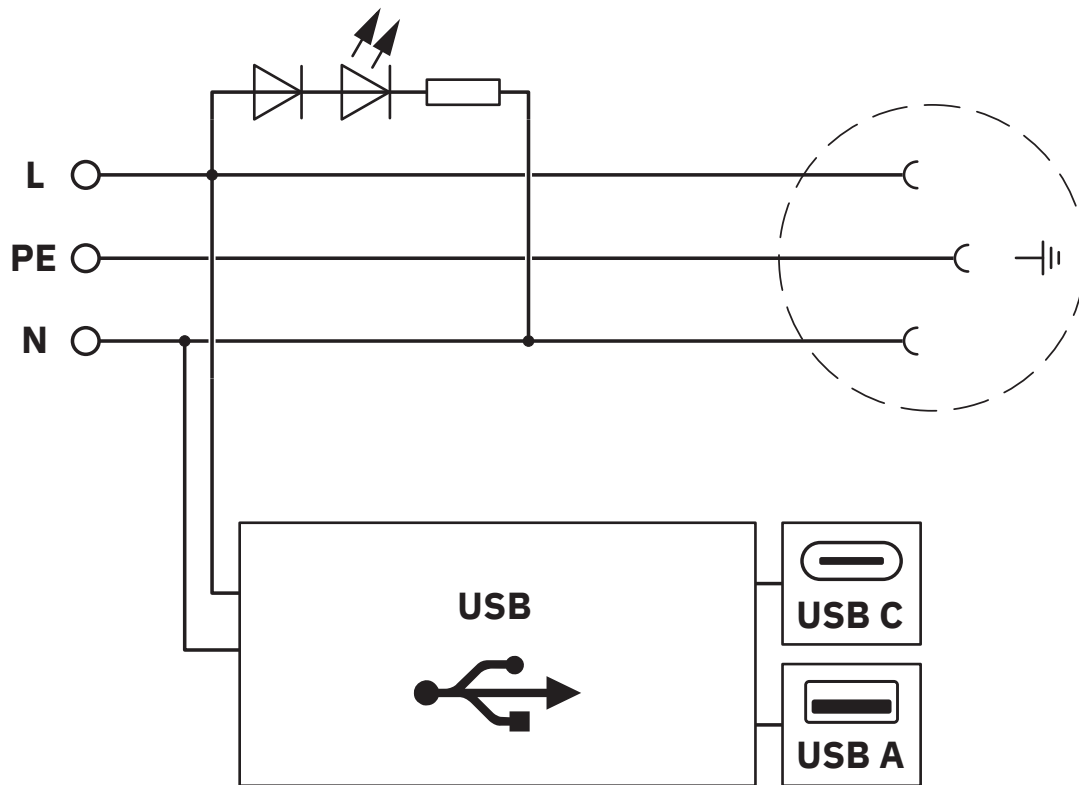
Standards/regulations	UL 508
	CSA C22.2 No. 14

Mounting

Mounting type	DIN rail or direct mounting
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Drawings

Circuit diagram



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Approvals

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cULus Listed

Approval ID: 2567394-2549820

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Classifications

ECLASS

ECLASS-13.0	27142305
ECLASS-15.0	27142305

ETIM

ETIM 10.0	EC001663
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Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes
Exemption	6(c), 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)
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