

EO-AB/UT/LED/16/250 - Socket



1147130

<https://www.phoenixcontact.com/us/products/1147130>

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Socket, Pin connector pattern type AB 15A, Screw connection, without UL approval, gray, for mounting on a DIN rail in the service interface or direct mounting, 250 V AC, 16 A, -20 °C, 60 °C

Commercial data

Item number	1147130
Packing unit	5 pc
Minimum order quantity	5 pc
Sales key	BE76
Product key	BE7613
GTIN	4063151139315
Weight per piece (including packing)	82.88 g
Weight per piece (excluding packing)	80 g
Customs tariff number	85366990
Country of origin	PL

Technical data

Notes

Note regarding laboratory testing	without UL approval
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Product properties

Product type	Socket
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Data management status

Article revision	01
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Electrical properties

Nominal voltage U_N	250 V AC
Nominal current I_N	16 A

Connection data

Connection method	Screw connection
Stripping length	8 mm
Tightening torque	0.5 ... 0.6 Nm
Conductor cross section flexible	0.2 mm ² ... 2.5 mm ²
Conductor cross section rigid	0.2 mm ² ... 4 mm ²
Cross section AWG	24 ... 12
Screw thread	M3

Signaling

Status display	yes
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Dimensions

Width	45 mm
Height	75 mm
Depth	75 mm

Material specifications

Color	gray (RAL 7042)
Flammability rating according to UL 94	V0
Insulating material	PA
Contact material	CuZn37
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

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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

Degree of protection	IP20
Ambient temperature (operation)	-20 °C ... 60 °C (max. short-term operating temperature RTI Elec.)
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 %

Mounting

Mounting type	for mounting on a DIN rail in the service interface or direct mounting
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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
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	b186ae8b-7ac9-44e2-a5c9-85e5992648c3

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Accessories

UC-TMF 16 - Marker for terminal blocks

0819262

<https://www.phoenixcontact.com/us/products/0819262>



Marker for terminal blocks, Sheet, white, unlabeled, can be labeled with: BLUEMARK ID COLOR, BLUEMARK ID, BLUEMARK CLED, PLOTMARK, CMS-P1-PLOTTER, mounting type: snapped, for terminal block width: 16 mm, lettering field size: 15.45 x 5.1 mm, Number of individual labels: 32

ZBF 16:UNPRINTED - Zack Marker strip, flat

0827464

<https://www.phoenixcontact.com/us/products/0827464>



Zack Marker strip, flat, Strip, white, unlabeled, can be labeled with: PLOTMARK, CMS-P1-PLOTTER, mounting type: snapped, for terminal block width: 16 mm, lettering field size: 16.25 x 10.5 mm, Number of individual labels: 50

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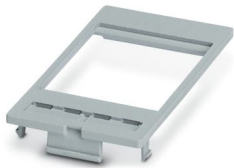
<https://www.phoenixcontact.com/us/products/1147130>



EO-SI-FRAME - Adapter plate

0804522

<https://www.phoenixcontact.com/us/products/0804522>



Adapter plate for installing the control cabinet sockets (type EO-...) in the mounting frames (type VS-SI-EB-EMV.../ SI-M1A.../ SI-M1B...). Includes fastening hardware for the control cabinet socket

SI-M1A - Mounting frame

1404493

<https://www.phoenixcontact.com/us/products/1404493>



Mounting frame for one front plate/socket, plastic frame: black, plastic cover: transparent, closed with 3 mm two-way key bit and rotary knob, included.

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SI-M1B - Mounting frame

1404494

<https://www.phoenixcontact.com/us/products/1404494>

Mounting frame for two front plates/sockets, plastic frame: black, plastic cover: transparent, closed with 3 mm two-way key bit and rotary knob, included.



SI-M1A-GL - Mounting frame

1407592

<https://www.phoenixcontact.com/us/products/1407592>

Mounting frame for one front plate/socket, plastic frame: black, plastic cover: gray, closed with 3 mm two-way key bit and rotary knob, included.



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SI-M1B-GL - Mounting frame

1407593

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Mounting frame for two front plates/sockets, plastic frame: black, plastic cover: gray, closed with 3 mm two-way key bit and rotary knob, included.



SI-M1A-ML - Mounting frame

1407588

<https://www.phoenixcontact.com/us/products/1407588>

Mounting frame for one front plate/socket, plastic frame: black, plastic cover: metallic, closed with 3 mm two-way key bit and rotary knob, included.



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SI-M1B-ML - Mounting frame

1407589

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Mounting frame for two front plates/sockets, plastic frame: black, plastic cover: metallic, closed with 3 mm two-way key bit and rotary knob, included.



VS-SI-EB-EMV-1 - Mounting frame

1656482

<https://www.phoenixcontact.com/us/products/1656482>

Mounting frame, for one front plate or socket, metal frame, matt nickel-plated, electrically conductive, transparent cover



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VS-SI-EB-EMV-2 - Mounting frame

1656495

<https://www.phoenixcontact.com/us/products/1656495>

Mounting frame, for two front plates or sockets, metal frame, matt nickel-plated, electrically conductive, transparent cover



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