

EM-DUO 120/20/SW0 - Socket



5603890

<https://www.phoenixcontact.com/us/products/5603890>

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Fully enclosed, rail-mounted utility outlet for mounting on 35 mm DIN rail per EN 60715. The 120 V AC/20 A receptacle can be turned on and off with the switch. An indicator light illuminates when the receptacle is active and voltage is present.
Housing color: ivory. National version: USA. Connection type: screw.

Commercial data

Item number	5603890
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	BE76
Product key	BE7613
GTIN	4046356684866
Weight per piece (including packing)	33.33 g
Weight per piece (excluding packing)	33.33 g
Customs tariff number	85366990
Country of origin	US

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Technical data

Notes

Trade restriction

CE note	The products are offered exclusively for export outside the EU and the European Economic Area.
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Product properties

Product type	Socket
For country-specific use in	USA
	Canada
	Mexico
	Bahamas
	Bermuda
	Columbia
	Costa Rica
	Ecuador
	El Salvador
	Panama
	Puerto Rico
	Taiwan
	Venezuela
Virgin Islands	

Electrical properties

Nominal voltage U_N	125 V AC
Nominal current I_N	20 A

Connection data

Connection method	Screw connection
Stripping length	8 mm
Conductor cross section flexible	4 mm ²
Conductor cross section rigid	6 mm ²
Cross section AWG	10
Screw thread	M3

Dimensions

Width	82 mm
Height	135 mm
Depth	135 mm

Material specifications

Color	ivory
Insulating material	Polycarbonate & ABS blend

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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

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 %

Standards and regulations

Standards

Standards/regulations	UL 508
	CSA 22.2

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Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/5603890>

 UL Listed Approval ID: FILE E 238705				
	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
	120 V	20 A	-	30 - 10

 cUL Listed Approval ID: FILE E 238705				
	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
	120 V	20 A	30 - 10	-

cULus Listed				
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Classifications

ECLASS

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

ETIM

ETIM 8.0	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	6(c)

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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