

# EM-DUO 120/20/GFI/AUX - Socket



5603049

<https://www.phoenixcontact.com/us/products/5603049>

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.



Socket, connection method: Screw connection, color: ivory, nom. voltage: 125 V AC, nominal current: 20 A, standards/specifications: UL 508, CSA 22.2

## Commercial data

Item number	5603049
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	BE76
Product key	BE7613
GTIN	4046356349031
Weight per piece (including packing)	330.9 g
Weight per piece (excluding packing)	330.9 g
Customs tariff number	85366990
Country of origin	US

# EM-DUO 120/20/GFI/AUX - Socket



5603049

<https://www.phoenixcontact.com/us/products/5603049>

## Technical data

### Notes

#### Trade restriction

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

### 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	
Response time	25 ms (6 mA)

### Connection data

Connection method	Screw connection
Screw thread	M3
Stripping length	8 mm
Conductor cross-section rigid	0.2 mm <sup>2</sup> ... 6 mm <sup>2</sup>
Cross section AWG	30 ... 10 (converted acc. to IEC)
Conductor cross-section flexible	0.2 mm <sup>2</sup> ... 4 mm <sup>2</sup>
Nominal current	20 A
Nominal voltage	125 V AC

### Dimensions

Width	92 mm
Height	143 mm
Depth	49 mm

### Material specifications

Color	ivory
Flammability rating according to UL 94	V0

# EM-DUO 120/20/GFI/AUX - Socket



5603049

<https://www.phoenixcontact.com/us/products/5603049>

Insulating material	Polycarbonate & ABS blend
---------------------	---------------------------

## Environmental and real-life conditions

### Ambient conditions

Degree of protection	IP20
Ambient temperature (operation)	-35 °C ... 70 °C

## Standards and regulations

### Standards

Standards/regulations	UL 508
	CSA 22.2

# EM-DUO 120/20/GFI/AUX - Socket





5603049


<https://www.phoenixcontact.com/us/products/5603049>

## Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/5603049>

 <b>UL Listed</b> Approval ID: E238705				
	Nominal voltage $U_N$	Nominal current $I_N$	Cross section AWG	Cross section $\text{mm}^2$
keine				
	125 V	20 A	30 - 10	30 - 10

 <b>cUL Listed</b> Approval ID: E238705				
	Nominal voltage $U_N$	Nominal current $I_N$	Cross section AWG	Cross section $\text{mm}^2$
keine				
	125 V	20 A	30 - 10	-

 <b>EAC-RoHS</b> Approval ID: RU D-DE.HB49.B.00025				
--	--	--	--	--

 <b>EAC</b> Approval ID: KZ7500651131219505				
---	--	--	--	--

# EM-DUO 120/20/GFI/AUX - Socket



5603049

<https://www.phoenixcontact.com/us/products/5603049>

## Classifications

### ECLASS

ECLASS-15.0	27142305
ECLASS-13.0	27142305

### ETIM

ETIM 10.0	EC001663
-----------	----------

### UNSPSC

UNSPSC 21.0	39121400
-------------	----------

# EM-DUO 120/20/GFI/AUX - Socket



5603049

<https://www.phoenixcontact.com/us/products/5603049>

## 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-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)
-------------------------------------	----------------------

Phoenix Contact 2026 © - all rights reserved  
<https://www.phoenixcontact.com>

Phoenix Contact USA  
586 Fulling Mill Road  
Middletown, PA 17057, United States  
(+717) 944-1300  
[info@phoenixcon.com](mailto:info@phoenixcon.com)