

INDUSTRIAL COMPONENT DATA

EM-DUO 120/20/GFI/AUX 5603049 PHOENIX CONTACT Socket

Brand: PHOENIX CONTACT | Manufacturer Part Number: EM-DUO 120/20/GFI/AUX



Manufacturer	PHOENIX CONTACT
MPN / Reference	EM-DUO 120/20/GFI/AUX
Catalog number	5603049
Category	Socket outlet for distribution board
Minimum order	1 Pcs
Document ID	EO-1602AACDBB
Generated	2026-08-05

Product Overview

Socket

Dual rail-mount socket with two 120 V AC/20 A female connectors equipped with leakage current protection switches (RCCB/GFCI), for mounting on a 35 mm rail according to EN 60715. Leakage current protection switches protect against electrical accidents related to grounding. For added safety, the ground plug is located at the top, preventing short circuits between the conductive and non-conductive reeds. Additional terminals allow the connection of additional devices with protection to the power socket. Shell color: ivory. National variant: USA. Connection type: screw connection.

STRUCTURED PRODUCT DATA

Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

Classification & Catalog Path

Catalog path	PHOENIX CONTACT > CABINET add-on
--------------	----------------------------------

Additional Product Information

Key Commercial Data

Orderkey 5603049

Packing unit 1 pc

GTIN 4046356349031

Weight per Piece (excluding packing) 330.900 g

Custom tariff number 85366990

Country of origin US (United States)

Dimensions

Width 92 mm

Height 143 mm

Depth 49 mm

Ambient conditions

Ambient temperature (operation) -35 °C ... 60 °C

General

Nominal voltage UN 125 V AC

Nominal current IN 20 A

For country-specific use in USA

Canada

Mexico

Bahamas

Bermuda

Columbia

Costa Rica

Ecuador

El Salvador

Panama

Puerto Rico

Taiwan

Venezuela

Virgin Islands

Color ivory

Insulating material Polycarbonate & ABS blend

Standards/regulations UL 508

UL 943

CSA 22.2

Response time 25 ms (6 mA)

Connection data

Conductor cross section solid max. 6 mm²

Conductor cross section flexible max. 4 mm²

Conductor cross section AWG max. 10

Connection method Screw connection

Stripping length 8 mm

Screw thread M3

Standards and Regulations

Standards/regulations UL 508

UL 943

CSA 22.2

Environmental Product Compliance

REACH SVHC Lead 7439-92-1

China RoHS Environmentally Friendly Use Period = 50

For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

Classifications

eCl@ss 4.027250313eCl@ss 4.127250313eCl@ss 5.027143412eCl@ss 5.127142300eCl@ss 6.027142300eCl@ss
7.027142305eCl@ss 8.027142305eCl@ss 9.027142305

ETIM 3.0EC001325ETIM 4.0EC001663ETIM 5.0EC001663ETIM 6.0EC001663

UNSPSC 6.0130211806UNSPSC 7.090139121406UNSPSC 1139121406UNSPSC 12.0139121406UNSPSC
13.239121406

ETIM for 5603049 Modular devices for...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / EM-DUO 120/20/GFI/AUX with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

Germany: Lise-Meitner-Straße 13, 89081 Ulm | USA: 16225 Park Ten Pl #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.