INDUSTRIAL COMPONENT DATA

# HV M6/2 3049547 PHOENIX CONTACT High Current Connectors

**Brand: PHOENIX CONTACT | Manufacturer Part Number: HV M6/2**



| | |
|---|---|
| Manufacturer | PHOENIX CONTACT |
| MPN / Reference | HV M6/2 |
| Catalog number | 3049547 |
| Category | Feed-through terminal block |
| Minimum order | 25 Pcs |
| Document ID | EO-814A26C3A3 |
| Generated | 2026-11-18 |

## Product Overview

High Current Connectors
Connector splicer, rated voltage: 1000 V, rated current: 125 A, number of connections: 2, connection type: Stud connection, Sizing cross-section: 35 mm², mounting class: NS 35/7.5, NS 35/15, color: gray

STRUCTURED PRODUCT DATA

## Technical Specifications

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

## Classification & Catalog Path

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|---|---|
| Catalog path | PHOENIX CONTACT > Enclosures connectivity |

## Additional Product Information

Key Commercial Data
Orderkey 3049547
Packing unit 25 pc
Minimum order quantity 25 pc
Catalog page Page 551 (C-1-2017)
GTIN 4046356310291
Weight per Piece (excluding packing) 66.230 g
Custom tariff number 85369010
Country of origin DE (Germany)
General
Number of levels 1
Number of connections 2
Nominal cross section 35 mm²

Color gray
Insulating material PA
Flammability rating according to UL 94 V0
Rated surge voltage 8 kV
Degree of pollution 3
Overvoltage category III
Insulating material group I
Maximum power dissipation for nominal condition 4.06 W
Connection in acc. with standard IEC 60947-7-1
Nominal current IN 125 A
Maximum load current 125 A
Nominal voltage UN 1000 V
Open side panel No
Result of surge voltage test Test passed
Surge voltage test setpoint 9.8 kV
Result of power-frequency withstand voltage test Test passed
Power frequency withstand voltage setpoint 2.2 kV
Result of the test for mechanical stability of terminal points (5 x conductor connection) Test passed
Result of tight fit on support Test passed
Tight fit on carrier NS 35
Setpoint 10 N
Result of voltage-drop test Test passed
Result of temperature-rise test Test passed
Short circuit stability result Test passed
Conductor cross section short circuit testing 35 mm²
Short-time current 4.2 kA
Result of thermal test Test passed
Proof of thermal characteristics (needle flame) effective duration 10 s
Oscillation, broadband noise test result Test passed
Test specification, oscillation, broadband noise DIN EN 50155...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / HV M6/2 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

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