INDUSTRIAL COMPONENT DATA

HV M8/2 3049550 PHOENIX CONTACT High Current Connectors

Brand: PHOENIX CONTACT | Manufacturer Part Number: HV M8/2



Manufacturer	PHOENIX CONTACT
MPN / Reference	HV M8/2
Catalog number	3049550
Category	Feed-through terminal block
Minimum order	25 Pcs
Document ID	EO-37420621AC
Generated	2026-11-18

Product Overview

High Current Connectors
Connector splicer, nominal voltage: 1000 V, nominal current: 150 A, number of connections: 2, connection type: Stud connection, Sizing cross-section: 50 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

Catalog path	PHOENIX CONTACT > Enclosures connectivity

Additional Product Information

Key Commercial Data
Orderkey 3049550
Packing unit 25 pc
Minimum order quantity 25 pc
Catalog page Page 551 (C-1-2017)
GTIN 4046356310307
Weight per Piece (excluding packing) 119.410 g
Custom tariff number 85369010
Country of origin DE (Germany)
General
Number of levels 1
Number of connections 2
Nominal cross section 50 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 4.73 W
Connection in acc. with standard IEC 60947-7-1
Nominal current IN 150 A
Maximum load current 150 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
Requirements, voltage drop <= 3.2 mV
Result of temperature-rise test Test passed
Short circuit stability result Test passed
Conductor cross section short circuit testing 50 mm²
Short-time current 6 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, oscill...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / HV M8/2 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

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.