

High Current Connectors - HV M6/1 - 3049204

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's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)




High Current Connectors, Connection method: Bolt connection, Cross section: 2.5 mm² - 35 mm², AWG: 14 - 2, Width: 16 mm, Height: 55 mm, Color: gray, Mounting type: NS 35/7,5, NS 35/15

Why buy this product

- Comprehensive, supplementary accessories
- For connecting up to four conductors



Key commercial data

Packing unit	25 pc
Minimum order quantity	25 pc
GTIN	 4 046356 184038
Weight per Piece (excluding packing)	20.98 g
Custom tariff number	85369010
Country of origin	Germany

Technical data

General

Number of levels	1
Number of connections	1
Color	gray
Insulating material	PA
Inflammability class according to UL 94	V0
Rated surge voltage	8 kV
Pollution degree	3
Surge voltage category	III
Insulating material group	I
Connection in acc. with standard	IEC 60947-7-1
Current	125 A
Nominal current I _N	125 A

High Current Connectors - HV M6/1 - 3049204

Technical data

General

Nominal voltage U_N	1000 V
Open side panel	nein

Dimensions

Length	67 mm
Width	16 mm
Height	55 mm
Height NS 35/7,5	58 mm
Height NS 35/15	65.5 mm

Connection data

Conductor cross section solid min.	2.5 mm ²
Conductor cross section solid max.	35 mm ²
Conductor cross section stranded min.	2.5 mm ²
Conductor cross section stranded max.	35 mm ²
Conductor cross section AWG/kcmil min.	14
Conductor cross section AWG/kcmil max	2
Screw thread	M6
Tightening torque, min	3 Nm
Tightening torque max	6 Nm
Connection method	Bolt connection
Connection in acc. with standard	DIN 46 234
Min. cross section	2.5 mm ²
Max. cross section	35 mm ²
Bolt diameter	6 mm
Tightening torque, min	3 Nm
Tightening torque max	6 Nm
Connection in acc. with standard	DIN 46,235
Min. cross section	6 mm ²
Max. cross section	35 mm ²
Bolt diameter	6 mm
Tightening torque, min	3 Nm
Tightening torque max	6 Nm

Classifications

eCl@ss

eCl@ss 4.0	27141120
eCl@ss 4.1	27141120
eCl@ss 5.0	27141120
eCl@ss 5.1	27141120
eCl@ss 6.0	27141120

High Current Connectors - HV M6/1 - 3049204

Classifications

eCl@ss

eCl@ss 7.0	27141120
------------	----------

ETIM

ETIM 2.0	EC000897
ETIM 3.0	EC000897
ETIM 4.0	EC000897
ETIM 5.0	EC000897

UNSPSC

UNSPSC 6.01	30211811
UNSPSC 7.0901	39121410
UNSPSC 11	39121410
UNSPSC 12.01	39121410
UNSPSC 13.2	39121410

Approvals

Approvals


Approvals

CSA / CSAus / EAC / cCSAus

Ex Approvals

Approvals submitted

Approval details

CSA 	
mm ² /AWG/kcmil	4
Nominal current I _N	115 A
Nominal voltage U _N	1000 V

CSAus	
mm ² /AWG/kcmil	4

High Current Connectors - HV M6/1 - 3049204

Approvals

Nominal current I _N	115 A
Nominal voltage U _N	1000 V

EAC

cCSAus

Accessories

Accessories

Bridge

Connection element - HV M6/1-VS 2 - 3049262



Connection element, Number of positions: 2, Color: silver

Connection element - HV M6/1-VS 3 - 3049275



Connection element, Number of positions: 3, Color: silver

Mounting rail

DIN rail perforated - NS 35/ 7,5 PERF 2000MM - 0801733



DIN rail, material: steel galvanized and passivated with a thick layer, perforated, height 7.5 mm, width 35 mm, length: 2000 mm

DIN rail, unperforated - NS 35/ 7,5 UNPERF 2000MM - 0801681



DIN rail, material: Steel, unperforated, height 7.5 mm, width 35 mm, length: 2 m

High Current Connectors - HV M6/1 - 3049204

Accessories

DIN rail perforated - NS 35/ 7,5 WH PERF 2000MM - 1204119



DIN rail 35 mm (NS 35)

DIN rail - NS 35/ 7,5 WH UNPERF 2000MM - 1204122



DIN rail 35 mm (NS 35)

DIN rail, unperforated - NS 35/ 7,5 AL UNPERF 2000MM - 0801704



DIN rail, unperforated, Width: 35 mm, Height: 7.5 mm, Length: 2000 mm, Color: silver

DIN rail perforated - NS 35/ 7,5 ZN PERF 2000MM - 1206421



DIN rail, material: Galvanized, perforated, height 7.5 mm, width 35 mm, length: 2 m

DIN rail, unperforated - NS 35/ 7,5 ZN UNPERF 2000MM - 1206434



DIN rail, material: Galvanized, unperforated, height 7.5 mm, width 35 mm, length: 2 m

High Current Connectors - HV M6/1 - 3049204

Accessories

DIN rail, unperforated - NS 35/ 7,5 CU UNPERF 2000MM - 0801762



DIN rail, material: Copper, unperforated, height 7.5 mm, width 35 mm, length: 2 m

End cap - NS 35/ 7,5 CAP - 1206560



DIN rail end piece, for DIN rail NS 35/7.5
