

High Current Connectors - HV M8/1 - 3049301

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High Current Connectors, Connection method: Bolt connection, Cross section: 2.5 mm² - 50 mm², AWG: 14 - 1/0, Width: 21 mm, Height: 63.5 mm, Color: gray, Mounting type: NS 35/7,5, NS 35/15

Product Features

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

Key commercial data

package_quantity	25
GTIN	4046356184052

Technical data

General

Number of levels	1
Number of connections	1
Color	gray
Insulating material	PA
Inflammability class according to UL 94	V0

General

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
Nominal current I _N	150 A
Nominal voltage U _N	1000 V
Open side panel	nein

Dimensions

Length	67 mm
Width	21 mm
Height	63.5 mm
Height NS 35/7,5	66 mm
Height NS 35/15	73.5 mm

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Technical data

Connection data

Conductor cross section solid min.	2.5 mm ²
Conductor cross section solid max.	50 mm ²
Conductor cross section stranded min.	2.5 mm ²
Conductor cross section stranded max.	50 mm ²
Conductor cross section AWG/kcmil min.	14
Conductor cross section AWG/kcmil max	1/0
Screw thread	M8
Tightening torque, min	6 Nm
Tightening torque max	12 Nm
Connection method	Bolt connection
Connection in acc. with standard	DIN 46 234
Min. cross section	2.5 mm ²
Max. cross section	50 mm ²
Bolt diameter	8 mm
Tightening torque, min	6 Nm
Tightening torque max	12 Nm
Connection in acc. with standard	DIN 46,235
Min. cross section	6 mm ²
Max. cross section	35 mm ²
Bolt diameter	8 mm
Tightening torque, min	6 Nm
Tightening torque max	12 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
eCl@ss 7.0	27141120
eCl@ss 8.0	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

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classifications

UNSPSC

UNSPSC 11	39121410
UNSPSC 12.01	39121410
UNSPSC 13.2	39121410

approvals

GOST / CSA / CSAus / GOST / cCSAus /

Approval details

GOST 

CSA 	
Nominal voltage UN	1000 V
Nominal current IN	125 A
mm²/AWG/kcmil	3

CSAus	
Nominal voltage UN	1000 V
Nominal current IN	125 A
mm²/AWG/kcmil	3



cCSAus

accessories

Bridge

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accessories

HV M8/1-VS 2 - 3049369



HV M8/1-VS 3 - 3049372



Mounting rail

NS 35/ 7,5 PERF 2000MM - 0801733



NS 35/ 7,5 UNPERF 2000MM - 0801681



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



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accessories

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



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



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



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



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



NS 35/ 7,5 CAP - 1206560



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accessories

Drawings

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