

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

Packing unit	1 pc
Weight per Piece (excluding packing)	47.95 g
Custom tariff number	85369010
Country of origin	Germany

Technical data

General

Number of levels	1
Number of connections	1
Nominal cross section	50 mm ²
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
Connection in acc. with standard	IEC 60947-7-1
Nominal current I _N	150 A
Maximum load current	150 A
Nominal voltage U _N	1000 V
Open side panel	No

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Technical data

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
Bolt length	30.50 mm

Connection data

Conductor cross section solid min.	2.5 mm ²
Conductor cross section solid max.	50 mm ²
Conductor cross section flexible min.	2.5 mm ²
Conductor cross section flexible max.	50 mm ²
Conductor cross section AWG min.	14
Conductor cross section AWG 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

Standards and Regulations

Connection in acc. with standard	CSA
	IEC 60947-7-1
	DIN 46 234
	DIN 46,235
Flammability rating according to UL 94	V0

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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
eCl@ss 9.0	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 / EAC / cCSAus


Ex Approvals

Approvals submitted

Approval details

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Approvals

CSA 	
mm ² /AWG/kcmil	3
Nominal current I _N	125 A
Nominal voltage U _N	1000 V

CSAus	
mm ² /AWG/kcmil	3
Nominal current I _N	125 A
Nominal voltage U _N	1000 V

EAC

EAC

cCSAus
