High Current Connectors - HV M10/1 - 3049408

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High Current Connectors, Connection method: Bolt connection, Cross section: 6 mm² - 120 mm², AWG: 10 - 250 kcmil, Width: 32 mm, Height: 73.5 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	10
GTIN	4046356184076

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	269 A
Nominal voltage U_N	1000 V
Open side panel	nein

Dimensions

Length	67 mm
Width	32 mm
Height	73.5 mm
Height NS 35/7,5	76 mm
Height NS 35/15	83.5 mm

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Technical data

Connection data

Conductor cross section solid min.	6 mm²
Conductor cross section solid max.	120 mm²
Conductor cross section stranded min.	6 mm²
Conductor cross section stranded max.	120 mm²
Conductor cross section AWG/kcmil min.	10
Conductor cross section AWG/kcmil max	250 kcmil
Screw thread	M10
Tightening torque, min	10 Nm
Tightening torque max	20 Nm
Connection method	Bolt connection
Connection in acc. with standard	DIN 46 234
Min. cross section	6 mm²
Max. cross section	120 mm²
Bolt diameter	10 mm
Tightening torque, min	10 Nm
Tightening torque max	20 Nm
Connection in acc. with standard	DIN 46,235
Min. cross section	10 mm²
Max. cross section	95 mm²
Bolt diameter	10 mm
Tightening torque, min	10 Nm
Tightening torque max	20 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	220 A
mm²/AWG/kcmil	0

CSAus

Nominal voltage UN	1000 V
Nominal current IN	220 A
mm²/AWG/kcmil	0

cCSAus

accessories

Bridge

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accessories

HV M10/1-VS 2 - 3049466



HV M10/1-VS 3 - 3049479



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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