

Plug - UP 6/ 1-M - 3060762

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Plug, Connection method: Screw connection, Number of positions: 1, Cross section: 0.2 mm² - 6 mm², AWG: 24 - 8, Width: 8.2 mm, Height: 42.7 mm, Color: gray



Key Commercial Data

Packing unit	1 pc
Minimum order quantity	50 pc
Weight per Piece (excluding packing)	7.6 g
Custom tariff number	85366990
Country of origin	China

Technical data

General

Number of positions	1
Number of levels	1
Number of connections	1
Potentials	1
Nominal cross section	6 mm ²
Color	gray
Insulating material	PA
Flammability rating according to UL 94	V0
Maximum load current	41 A (with 6 mm ² conductor cross section)
Rated surge voltage	8 kV
Degree of pollution	3
Overvoltage category	III
Insulating material group	I
Maximum load current	41 A (with 6 mm ² conductor cross section)
Nominal current I _N	41 A

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Technical data

General

Nominal voltage U_N	1000 V
Open side panel	No

Dimensions

Width	8.2 mm
Length	21 mm
Height	42.7 mm
	26.00 mm
Pitch	8.20 mm

Connection data

Connection method	Screw connection
Connection in acc. with standard	IEC 61984
Conductor cross section solid min.	0.2 mm ²
Conductor cross section solid max.	6 mm ²
Conductor cross section AWG min.	24
Conductor cross section AWG max.	8
Conductor cross section flexible min.	0.2 mm ²
Conductor cross section flexible max.	10 mm ²
Min. AWG conductor cross section, flexible	24
Max. AWG conductor cross section, flexible	8
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.25 mm ²
Conductor cross section flexible, with ferrule without plastic sleeve max.	6 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.25 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve max.	6 mm ²
2 conductors with same cross section, solid min.	0.2 mm ²
2 conductors with same cross section, solid max.	2.5 mm ²
2 conductors with same cross section, stranded min.	0.2 mm ²
2 conductors with same cross section, stranded max.	2.5 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.5 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	4 mm ²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	0.25 mm ²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	1.5 mm ²
Stripping length	10 mm
Internal cylindrical gage	A5
Screw thread	M3

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Connection data

Tightening torque, min	0.6 Nm
Tightening torque max	0.8 Nm

Standards and Regulations

Connection in acc. with standard	IEC 61984
Flammability rating according to UL 94	V0

Classifications

eCl@ss

eCl@ss 4.0	272607xx
eCl@ss 4.1	27260701
eCl@ss 5.0	27260701
eCl@ss 5.1	27260701
eCl@ss 6.0	27141120
eCl@ss 7.0	27141120
eCl@ss 8.0	27141151
eCl@ss 9.0	27141151

ETIM

ETIM 4.0	EC002021
ETIM 5.0	EC002021

UNSPSC

UNSPSC 6.01	30211802
UNSPSC 7.0901	39121402
UNSPSC 11	39121402
UNSPSC 12.01	39121402
UNSPSC 13.2	39121402

Approvals

Approvals

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VDE Gutachten mit Fertigungsüberwachung / IECCE CB Scheme / EAC / CSA / UL Recognized / cUL Recognized / cULus Recognized


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Approvals

Ex Approvals


Approvals submitted


Approval details

VDE Gutachten mit Fertigungsüberwachung 	
mm ² /AWG/kcmil	0.2-6.0
Nominal current I _N	41 A
Nominal voltage U _N	1000 V

IECEE CB Scheme 	
mm ² /AWG/kcmil	0.2-6.0
Nominal current I _N	41 A
Nominal voltage U _N	1000 V

EAC

CSA 		
	B	C
mm ² /AWG/kcmil	24-8	24-8
Nominal current I _N	50 A	50 A
Nominal voltage U _N	600 V	600 V

UL Recognized 		
	B	C
mm ² /AWG/kcmil	24-8	24-8

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Approvals

	B	C
Nominal current I _N	40 A	40 A
Nominal voltage U _N	600 V	600 V

cUL Recognized

	B	C	D
mm ² /AWG/kcmil	24-8	24-8	
Nominal current I _N	40 A	40 A	
Nominal voltage U _N	600 V	600 V	

cULus Recognized

Drawings

Circuit diagram



Schematic diagram

