Plug - SP 4/ 8 - 3042968

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The illustration shows the 6-position version

Plug, Connection method: Spring-cage connection, Number of positions: 8, Cross section: 0.08 mm² - 6 mm², AWG: 28 - 10, Width: 49.6 mm, Height: 41.5 mm, Color: gray

Product Features

- Large-surface labeling option
- Tested for railway applications
- Practical coding option

Key commercial data

Packing unit	1 1
Weight per Piece (excluding packing)	33.26 GRM
Custom tariff number	85366990
Country of origin	Poland

Technical data

General

Number of levels	1
Number of connections	1
Color	gray
Insulating material	PA
Inflammability class according to UL 94	V0
Area of application	Railway industry
	Mechanical engineering
	Plant engineering
Maximum load current	32 A (with 6 mm² conductor cross section)
Rated surge voltage	8 kV

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Technical data

General

Pollution degree	3
Surge voltage category	III
Insulating material group	I
Connection in acc. with standard	IEC 61984
Nominal current I_N	32 A
Nominal voltage U_N	800 V
Open side panel	nein
Number of positions	8

Dimensions

Width	49.6 mm
Length	21 mm
Height	41.5 mm

Connection data

Conductor cross section solid min.	0.08 mm²
Conductor cross section solid max.	6 mm²
Conductor cross section AWG/kcmil min.	28
Conductor cross section AWG/kcmil max	10
Conductor cross section stranded min.	0.08 mm²
Conductor cross section stranded max.	4 mm²
Min. AWG conductor cross section, stranded	28
Max. AWG conductor cross section, stranded	12
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.14 mm²
Conductor cross section stranded, with ferrule without plastic sleeve max.	4 mm²
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.14 mm²
Conductor cross section stranded, with ferrule with plastic sleeve max.	4 mm²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.5 mm²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	1 mm²
Connection method	Spring-cage connection
Stripping length	10 mm
Internal cylindrical gage	A4

Classifications

eCl@ss

eCl@ss 4.0	272607xx

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Classifications

eCl@ss

eCl@ss 4.1	27260701
eCl@ss 5.0	27260701
eCl@ss 5.1	27260701
eCl@ss 6.0	27141151
eCl@ss 7.0	27141151
eCl@ss 8.0	27141151

ETIM

ETIM 2.0	EC000897
ETIM 3.0	EC000897
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

Approvals

CSA / UL Recognized / VDE Gutachten mit Fertigungsüberwachung / cUL Recognized / GOST / GOST / IECEE CB Scheme / cULus Recognized

Ex Approvals

Approvals submitted

Approval details

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Approvals

CSA

	B	C
mm²/AWG/kcmil	24-12	24-12
Nominal current IN	30 A	30 A
Nominal voltage UN	600 V	600 V

UL Recognized

	B	C
mm²/AWG/kcmil	28-10	28-10
Nominal current IN	30 A	30 A
Nominal voltage UN	600 V	600 V

VDE Gutachten mit Fertigungsüberwachung

mm²/AWG/kcmil	0.2-6
Nominal voltage UN	800 V

cUL Recognized

	B	C
mm²/AWG/kcmil	28-10	28-10
Nominal current IN	30 A	30 A
Nominal voltage UN	600 V	600 V

GOST

GOST

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Approvals

IECEE CB Scheme

mm²/AWG/kcmil	0.2-6
Nominal voltage UN	800 V

cULus Recognized

Accessories

Accessories

Insulating sleeve

Insulating sleeve - ISH 4/0,5 - 3002885



Insulating sleeve, Color: gray

Insulating sleeve - ISH 4/1,0 - 3002898



Insulating sleeve, Color: black

Mounting material

Latching - PR - 3040559



Latching, Number of positions: 1, Color: orange

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Accessories

Latching - PR/2 - 3040630



Latching, Number of positions: 2, Color: orange

Latching - PRZ - 3040614



Latching, Length: 3 mm, Width: 5.2 mm, Number of positions: 2, Color: orange

Shield connection

Shield connection clamp - PSH 3- 6 - 3040591



Shield connection clamp, Color: black

Shield connection clamp - PSH 5-10 - 3040601



Shield connection clamp, Color: black

Strain relief

Strain relief - PZ/4 - 3040643



Strain relief, Number of positions: 4, Color: black

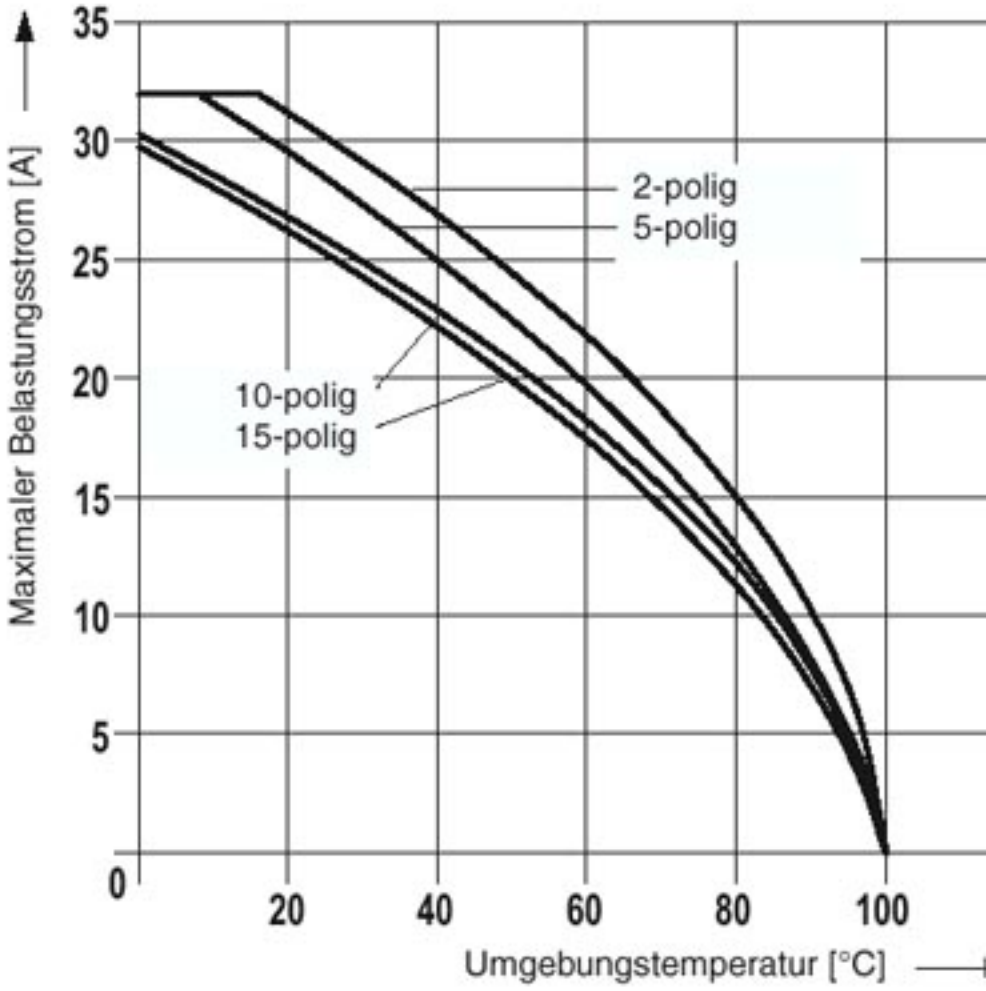
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Accessories

Drawings

Circuit diagram

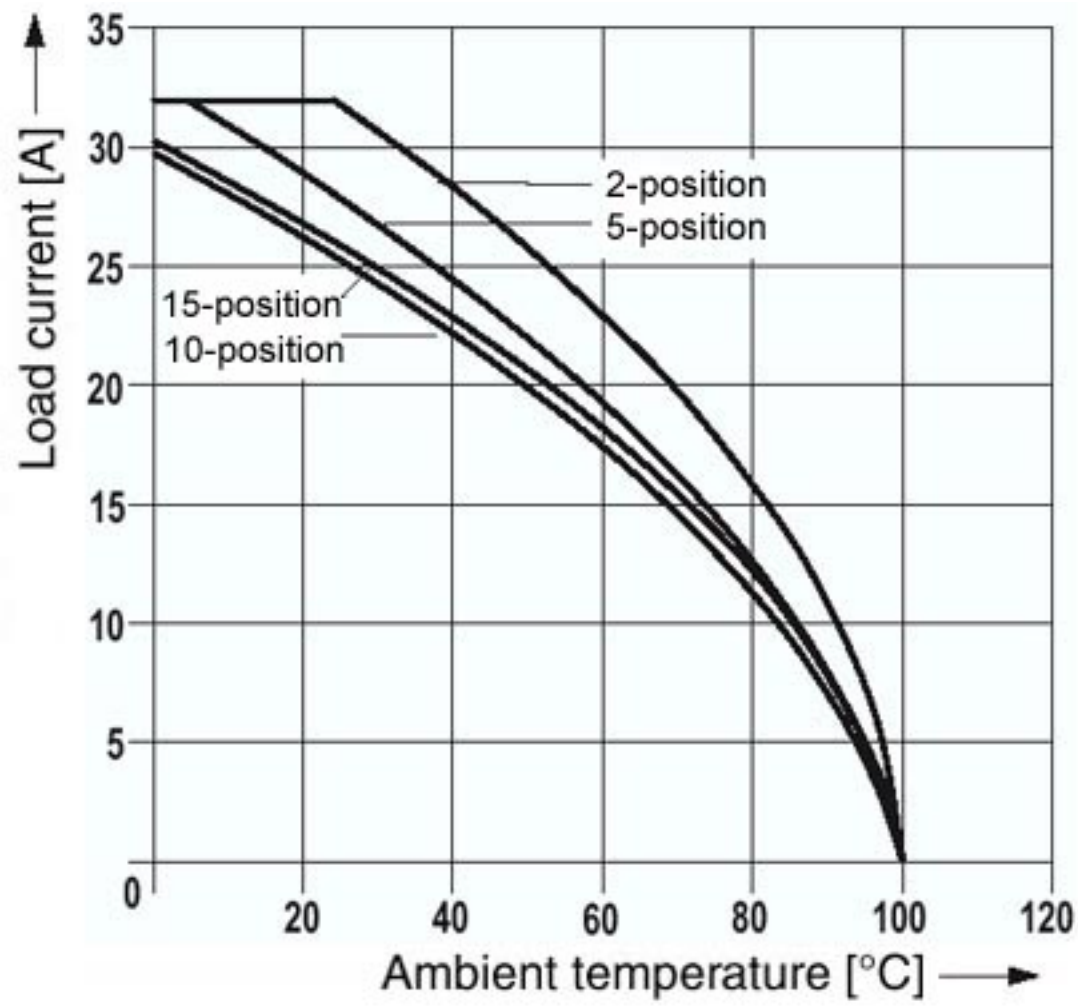
Diagram



Derating curve for spring-cage terminals ST 4/1P.. and ST 4/2P.. with all plug versions SP 4/... . The derating curves are determined by multiplying the values of the base curves by the factor 0.8.

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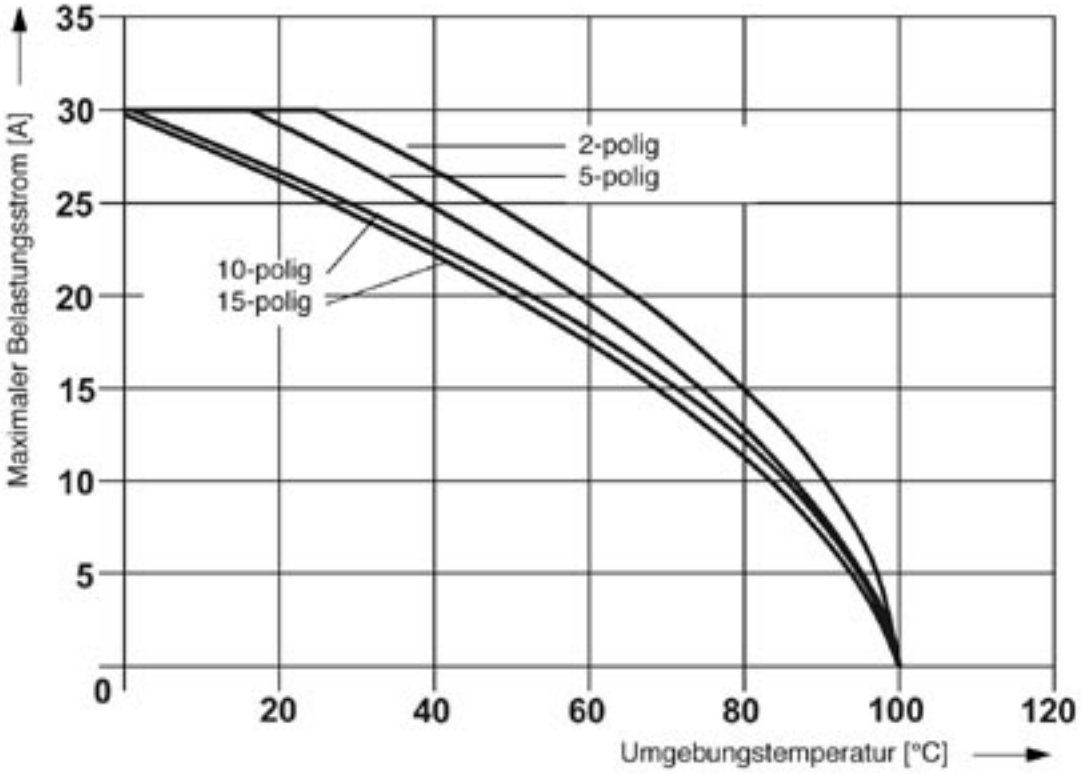
Diagram



Derating curve for the spring-cage terminal with all plug versions SP 4/... .

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Diagram



Derating curve for ST 4/ 1P and for all plug versions SP... .

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