

Plug - SP 2,5/ 7 - 3040313

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The illustration shows a 6-position version

Plug, Connection method: Spring-cage connection, Number of positions: 7, Cross section: 0.08 mm² - 4 mm², AWG: 28 - 12, Width: 36.4 mm, Height: 39 mm, Color: gray

Product Features

- ✓ Large-surface labeling option
- ✓ Practical coding option



Key commercial data

Packing unit	1 pc
Weight per Piece (excluding packing)	21.44 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
Maximum load current	24 A (with 2.5 mm ² conductor cross section)
Rated surge voltage	6 kV
Pollution degree	3
Surge voltage category	III
Insulating material group	I
Connection in acc. with standard	IEC 61984

Plug - SP 2,5/ 7 - 3040313

Technical data

General

Nominal current I_N	24 A
Nominal voltage U_N	500 V
Open side panel	nein
Number of positions	7

Dimensions

Width	36.4 mm
Length	15.8 mm
Height	39 mm

Connection data

Connection in acc. with standard	IEC 61984
Conductor cross section solid min.	0.08 mm ²
Conductor cross section solid max.	4 mm ²
Conductor cross section AWG/kcmil min.	28
Conductor cross section AWG/kcmil max.	12
Conductor cross section stranded min.	0.08 mm ²
Conductor cross section stranded max.	2.5 mm ²
Min. AWG conductor cross section, stranded	28
Max. AWG conductor cross section, stranded	14
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.14 mm ²
Conductor cross section stranded, with ferrule without plastic sleeve max.	2.5 mm ²
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.14 mm ²
Conductor cross section stranded, with ferrule with plastic sleeve max.	2.5 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	0.5 mm ²
Connection method	Spring-cage connection
Stripping length	10 mm
Internal cylindrical gage	A3

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	27141151

Plug - SP 2,5/ 7 - 3040313

Classifications

eCl@ss

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 / LR / GL / BV / DNV / RS / IECCEB Scheme / GOST / CSA / cULus Recognized

Ex Approvals

Approvals submitted

Approval details

CSA 		
	B	C
mm ² /AWG/kcmil	24-12	24-12
Nominal current I _N	20 A	20 A

Plug - SP 2,5/ 7 - 3040313

Approvals

	B	C
Nominal voltage UN	300 V	300 V

UL Recognized 			
	B	C	D
mm²/AWG/kcmil	28-12	28-12	28-12
Nominal current IN	20 A	20 A	5 A
Nominal voltage UN	300 V	300 V	600 V

VDE Gutachten mit Fertigungsüberwachung 	
mm²/AWG/kcmil	0.2-4
Nominal voltage UN	500 V

cUL Recognized 			
	B	C	D
mm²/AWG/kcmil	28-12	28-12	28-12
Nominal current IN	20 A	20 A	5 A
Nominal voltage UN	300 V	300 V	600 V

GOST 
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LR

GL

BV

DNV

Plug - SP 2,5/ 7 - 3040313

Approvals

RS

IECEE CB Scheme 	
mm²/AWG/kcmil	0.2-4
Nominal voltage UN	500 V

GOST 

CSA 			
	B	C	D
mm²/AWG/kcmil	24-12	24-12	24-12
Nominal current IN	20 A	20 A	5 A
Nominal voltage UN	300 V	300 V	300 V

cULus Recognized 

Accessories

Accessories

Insulating sleeve

Insulation stop sleeve - ISH 2,5/0,2 - 3002843



Insulation stop sleeve, Color: white

Plug - SP 2,5/ 7 - 3040313

Accessories

Insulation stop sleeve - ISH 2,5/0,5 - 3002856



Insulation stop sleeve, Color: gray

Insulation stop sleeve - ISH 2,5/1,0 - 3002869



Insulation stop sleeve, Color: black

Mounting material

Latching - PR - 3040559



Latching, Number of positions: 1, Color: orange

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

Plug - SP 2,5/ 7 - 3040313

Accessories

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

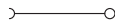


Strain relief, Number of positions: 4, Color: black

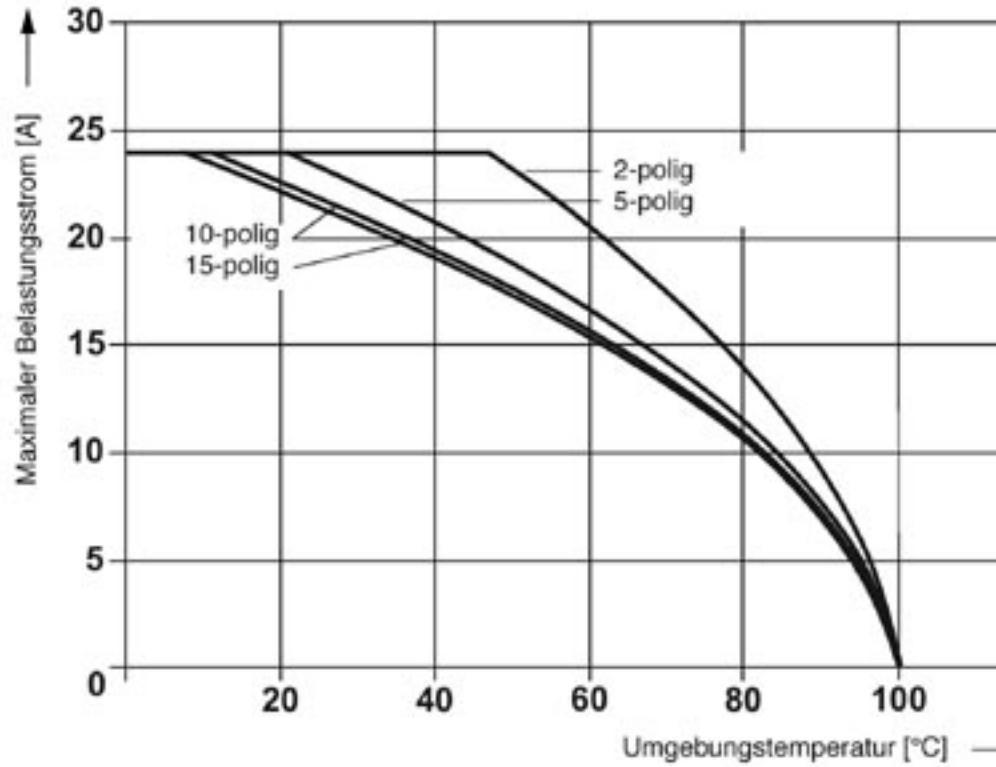
Drawings

Plug - SP 2,5/ 7 - 3040313

Circuit diagram



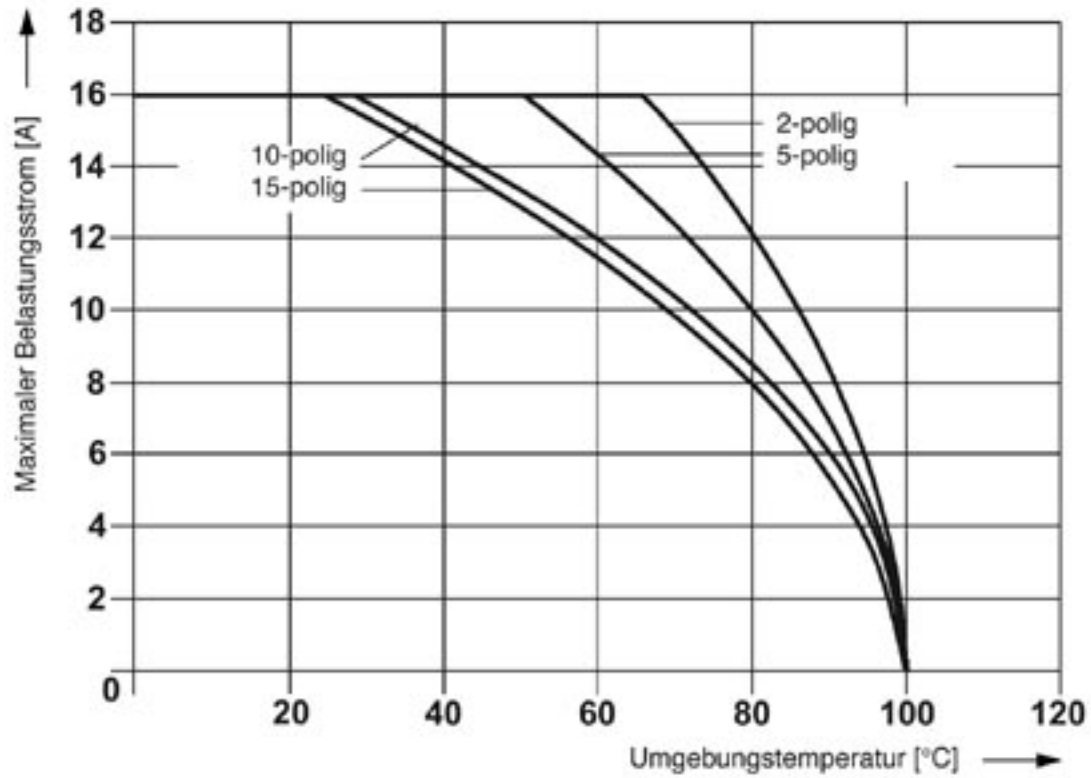
Diagram



Derating curve for ST 2,5/ 1P, ST 2,5/ 2P, ST 2,5-TWIN/ 1P and for all plug versions SP...

Plug - SP 2,5/ 7 - 3040313

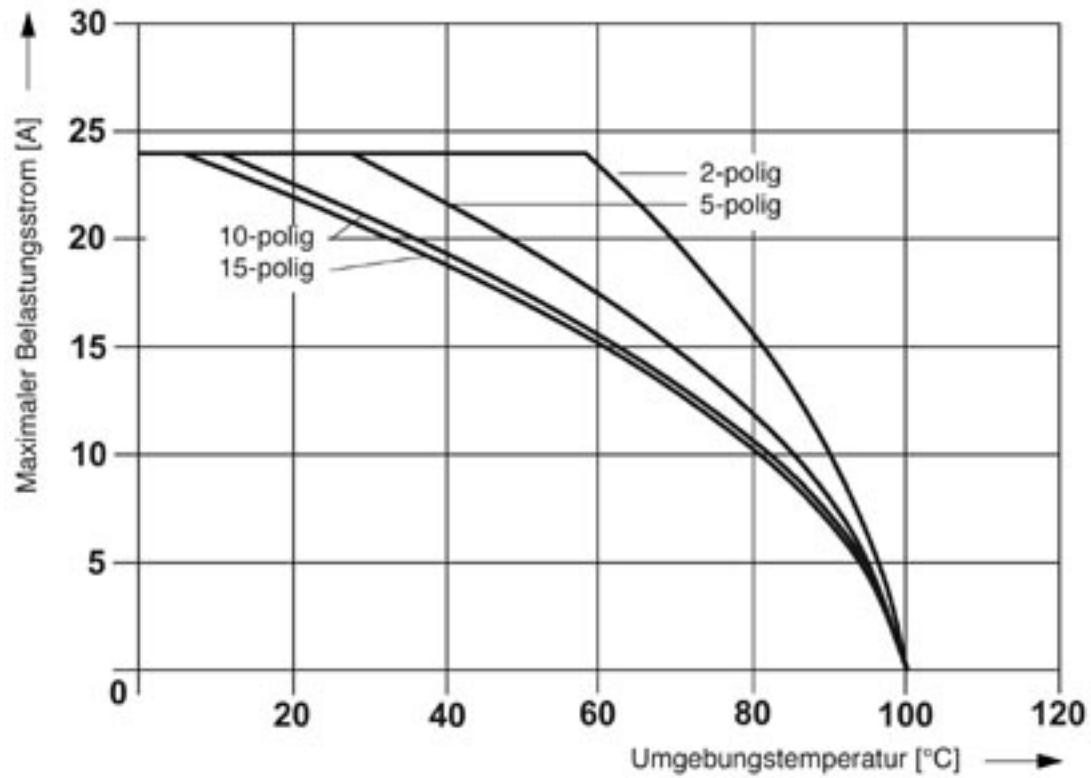
Diagram



Derating curve for ST 2,5-TWIN-MT/1P, ST 2,5-TWIN-TG/1P and for all plug versions SP...

Plug - SP 2,5/ 7 - 3040313

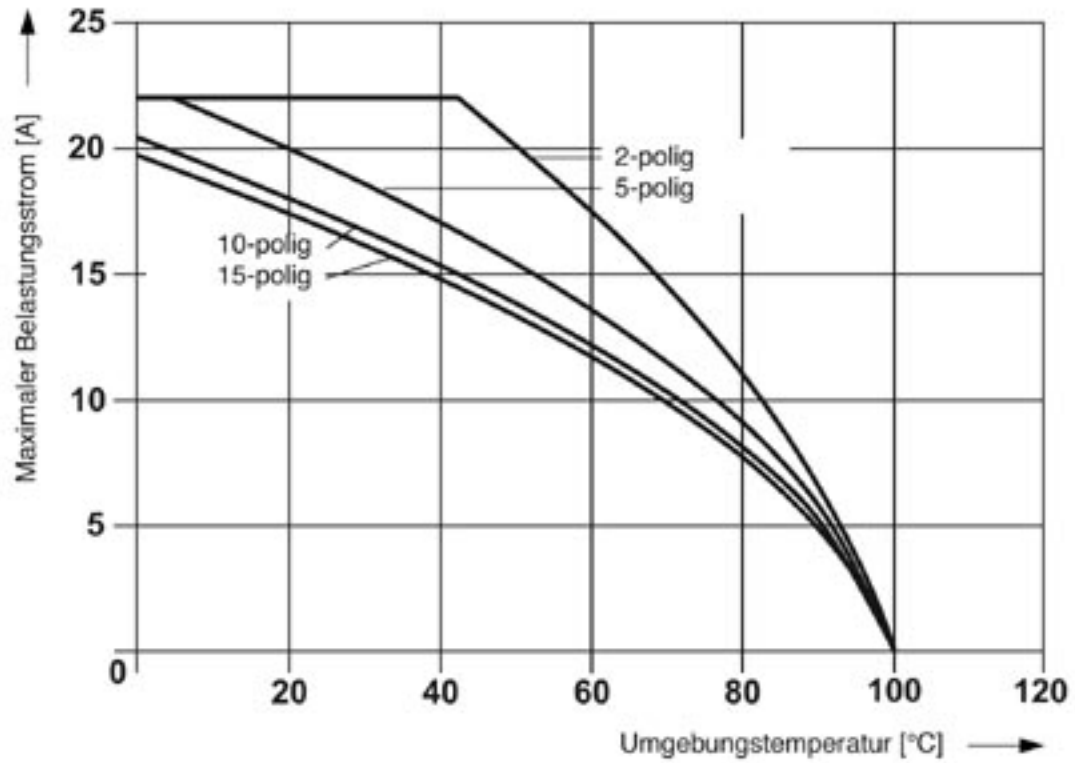
Diagram



Derating curve for ST 2,5-QUATTRO/2P, ST 2,5-QUATTRO/4P and for all plug versions SP... .

Plug - SP 2,5/ 7 - 3040313

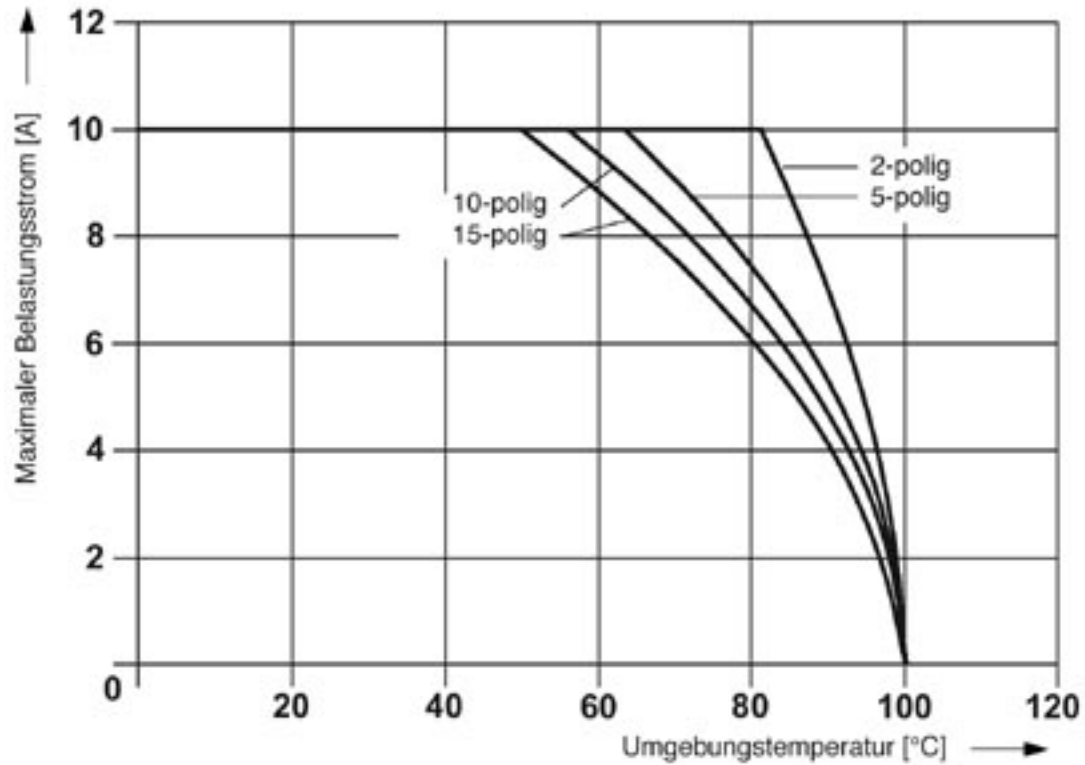
Diagram



Derating curve for STTB 2,5/ 2P, STTB 2,5/ 2P-PV and for all plug versions SP...

Plug - SP 2,5/ 7 - 3040313

Diagram



Derating curve for ST 2,5-4L/1P, ST 2,5-4L/2P and for all plug versions SP... .