

Plug - SP 2,5/14 - 3040384

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://download.phoenixcontact.com>)



Plug, Connection method: Spring-cage connection, Number of positions: 14, Cross section: 0.08 mm² - 4 mm², AWG: 28 - 12, Width: 72.8 mm, Height: 39 mm, Color: gray

The illustration shows a 6-position version

Product Features

- ☒ Large-surface labeling option
- ☒ Practical coding option

Key commercial data

package_quantity	10
GTIN	4017918832919

Technical data

General

Number of levels	1
Number of connections	1
Color	gray
Insulating material	PA
Inflammability class according to UL 94	V0

General

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
Nominal current I _N	24 A
Nominal voltage U _N	500 V
Open side panel	nein
Number of positions	14

Dimensions

Width	72.8 mm
Length	15.8 mm

Plug - SP 2,5/14 - 3040384

Technical data

Dimensions

Height	39 mm
--------	-------

Connection data

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
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

Plug - SP 2,5/14 - 3040384

classifications

UNSPSC

UNSPSC 11	39121402
UNSPSC 12.01	39121402
UNSPSC 13.2	39121402

approvals

CSA / UL Recognized / VDE Gutachten mit Fertigungsüberwachung / cUL Recognized / GOST / LR / GL / BV / DNV / RS / IECCEB CB Scheme / GOST / CSA / cULus Recognized /

Approval details

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

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

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

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

Plug - SP 2,5/14 - 3040384

approvals

GOST 

LR

GL

BV

DNV

RS

IECEE CB Scheme 	
Nominal voltage UN	500 V
Nominal current IN	
mm ² /AWG/kcmil	0.2-4



			
Usegroups	B	C	D
Nominal voltage UN	300 V	300 V	300 V
Nominal current IN	20 A	20 A	5 A
mm ² /AWG/kcmil	24-12	24-12	24-12

cULus Recognized 

accessories

Strain relief

Plug - SP 2,5/14 - 3040384

accessories

PZ/2 - 3040627



PZ/4 - 3040643



Mounting material

PR - 3040559



PR/2 - 3040630



PRZ - 3040614



Shield connection

Plug - SP 2,5/14 - 3040384

accessories

PSH 3- 6 - 3040591



PSH 5-10 - 3040601



Insulating sleeve

ISH 2,5/0,2 - 3002843



ISH 2,5/0,5 - 3002856



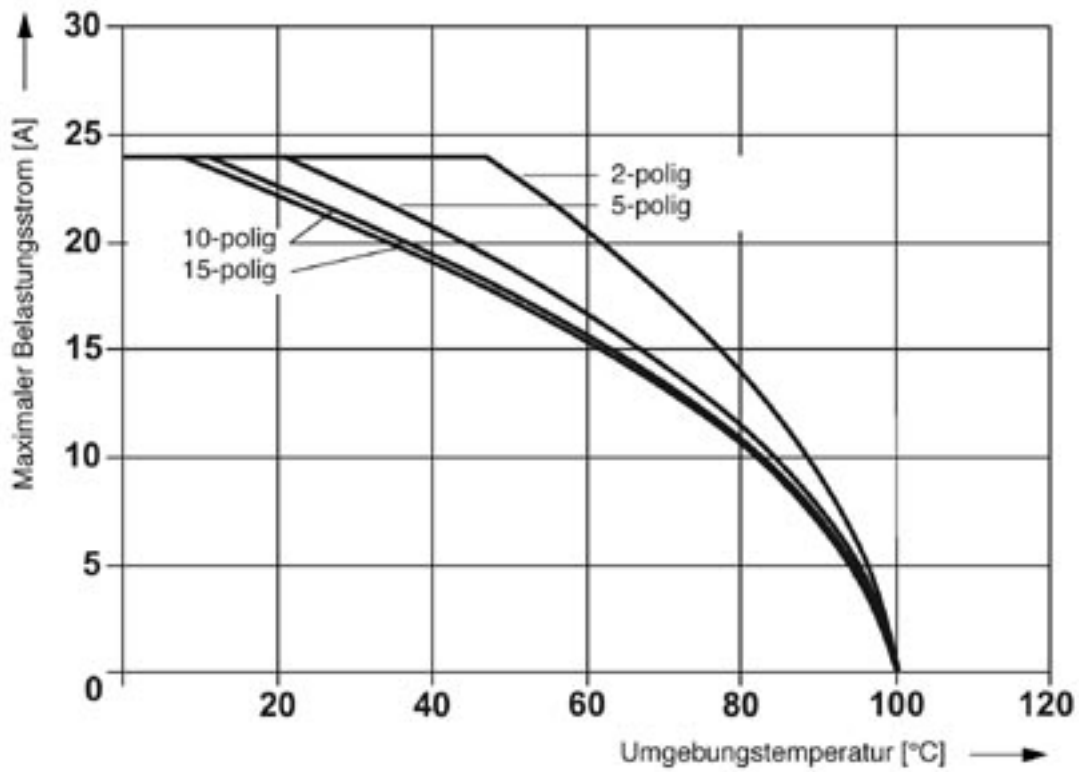
ISH 2,5/1,0 - 3002869



Drawings

Plug - SP 2,5/14 - 3040384

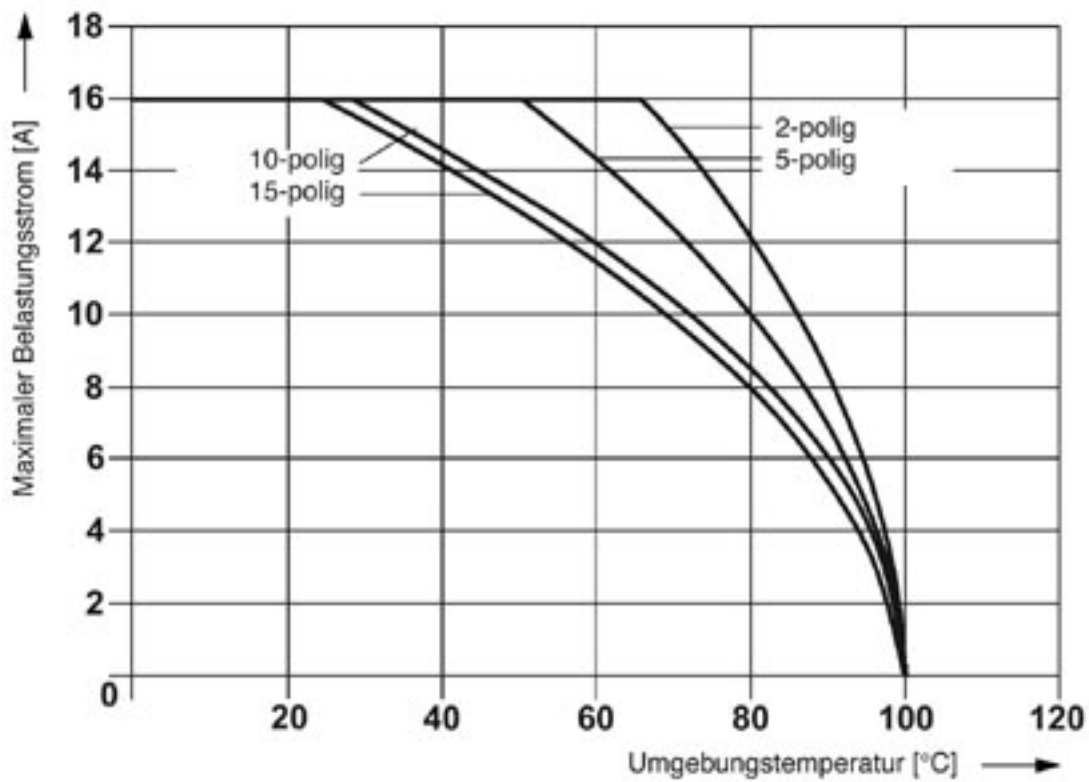
Diagram



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

Plug - SP 2,5/14 - 3040384

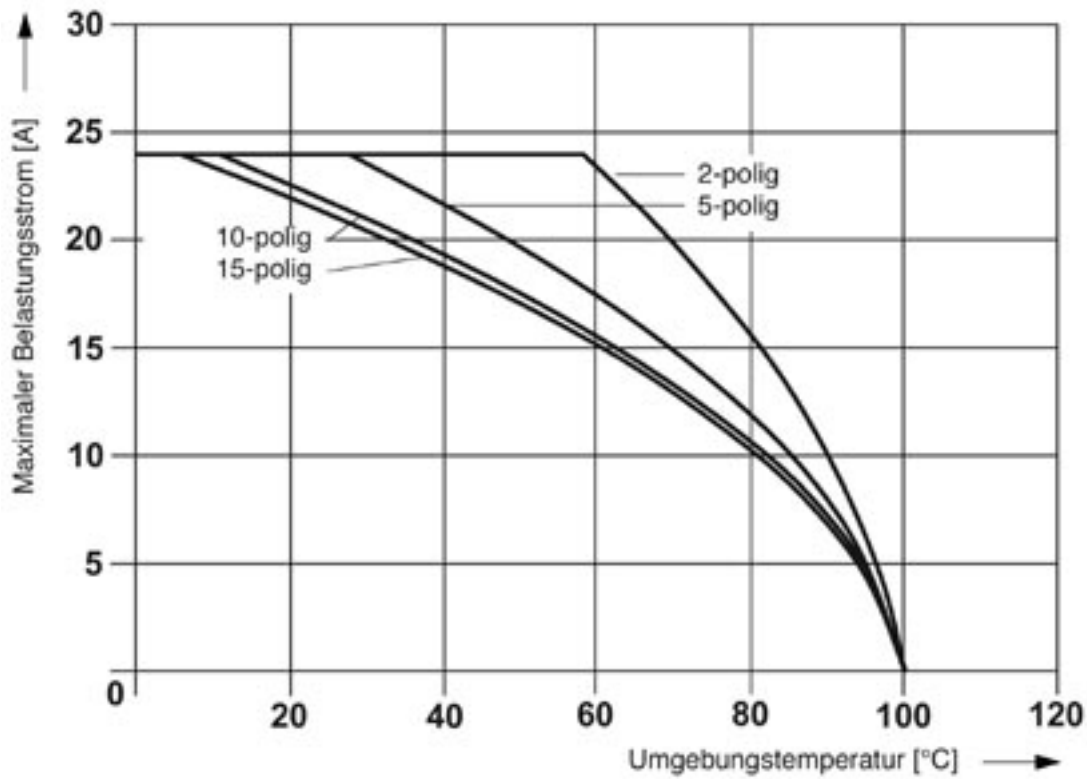
Diagram



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

Plug - SP 2,5/14 - 3040384

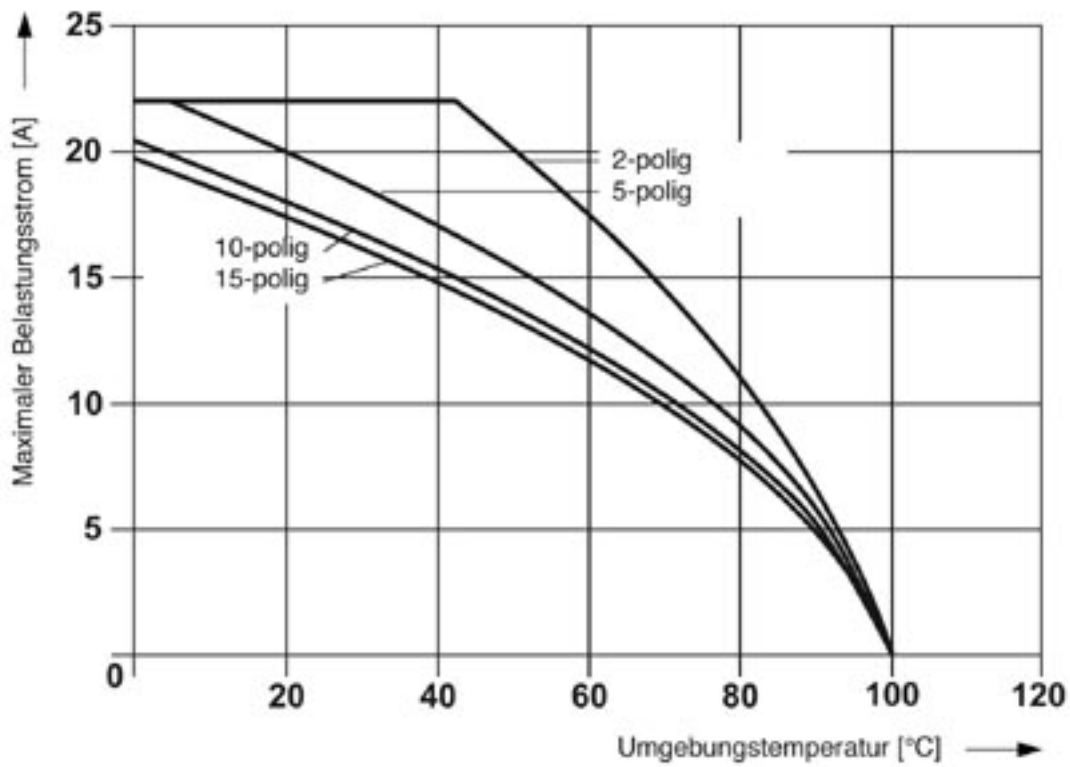
Diagram



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

Plug - SP 2,5/14 - 3040384

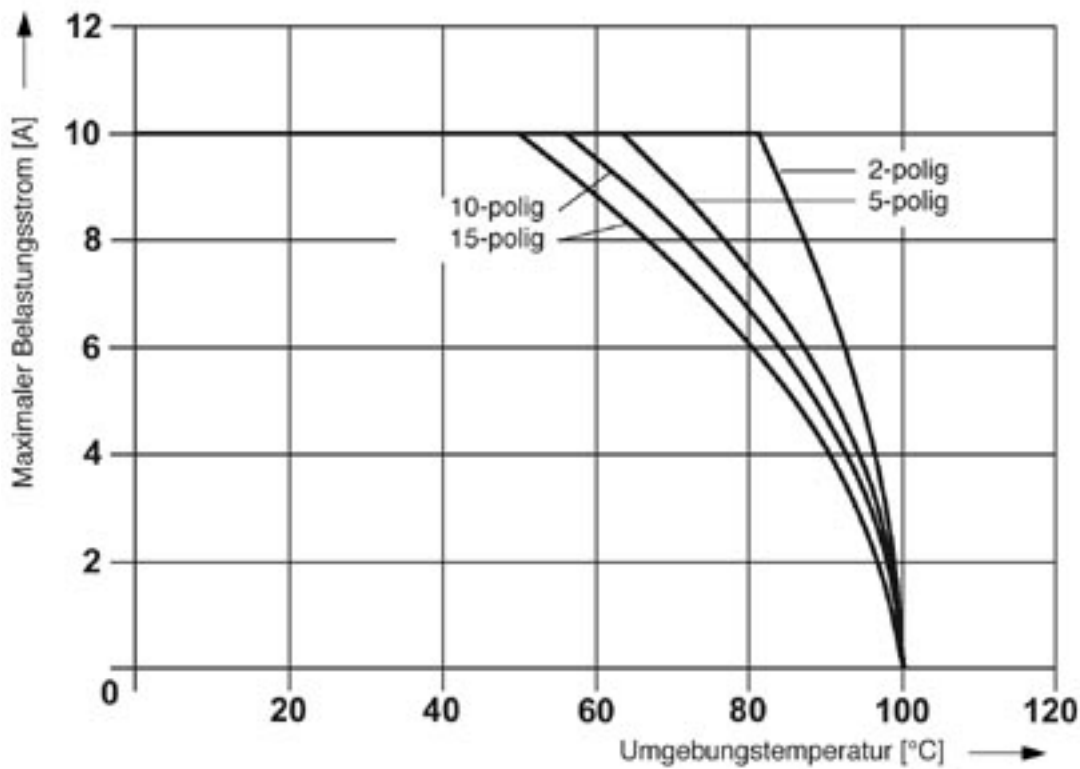
Diagram



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

Plug - SP 2,5/14 - 3040384

Diagram



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

Circuit diagram



© Phoenix Contact 2013 - all rights reserved
<http://www.phoenixcontact.com>