

Plug - PTSM 0,5/ 5-P-2,5 - 1778861

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Plug component, Nominal current: 6 A, Rated voltage (III/2): 160 V, Number of positions: 5, Pitch: 2.5 mm, Connection method: Spring-cage conn., Color: Black, Contact surface: Tin

Product Features

- ✓ Can be plugged into THR and SMD base strips
- ✓ Spring-cage and pierce contact technology
- ✓ Miniature plug with 2.5 mm pitch

Key commercial data

package_quantity	100
GTIN	4046356530071

Technical data

Dimensions

Length	15 mm
Height	5 mm
Pitch	2.5 mm
Dimension a	10 mm

General

Range of articles	PTSM 0,5/...-P
Insulating material group	I
Rated surge voltage (III/3)	2.5 kV
Rated surge voltage (III/2)	2.5 kV
Rated surge voltage (II/2)	2.5 kV
Rated voltage (III/3)	100 V
Rated voltage (III/2)	160 V
Rated voltage (II/2)	320 V
Connection in acc. with standard	EN-VDE
Nominal current I_N	6 A
Nominal cross section	0.5 mm ²
Maximum load current	6 A
Insulating material	PA
Inflammability class according to UL 94	V0
Stripping length	6 mm

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Technical data

General

Number of positions	5
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Connection data

Conductor cross section solid min.	0.14 mm ²
Conductor cross section solid max.	0.5 mm ²
Conductor cross section stranded min.	0.2 mm ²
Conductor cross section stranded max.	0.5 mm ²
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.25 mm ²
Conductor cross section stranded, with ferrule without plastic sleeve max.	0.5 mm ²
Conductor cross section AWG/kcmil min.	24
Conductor cross section AWG/kcmil max	20
Minimum AWG according to UL/CUL	26
Maximum AWG according to UL/CUL	20

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	27260704
eCl@ss 7.0	27440402
eCl@ss 8.0	27440402

ETIM

ETIM 3.0	EC001121
ETIM 4.0	EC002638
ETIM 5.0	EC002637

UNSPSC

UNSPSC 6.01	30211810
UNSPSC 7.0901	39121409
UNSPSC 11	39121409
UNSPSC 12.01	39121409
UNSPSC 13.2	39121409

approvals

UL Recognized / cUL Recognized / GOST / GOST / UL Recognized / cULus Recognized /

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approvals

Approval details

UL Recognized 	
Usegroups	B
Nominal voltage UN	150 V
Nominal current IN	5 A
mm²/AWG/kcmil	26-20

cUL Recognized 	
Usegroups	B
Nominal voltage UN	150 V
Nominal current IN	5 A
mm²/AWG/kcmil	26-20

GOST 
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Usegroups	B
Nominal voltage UN	150 V
Nominal current IN	5 A
mm²/AWG/kcmil	26-20

cULus Recognized 	
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accessories

Screwdriver tools

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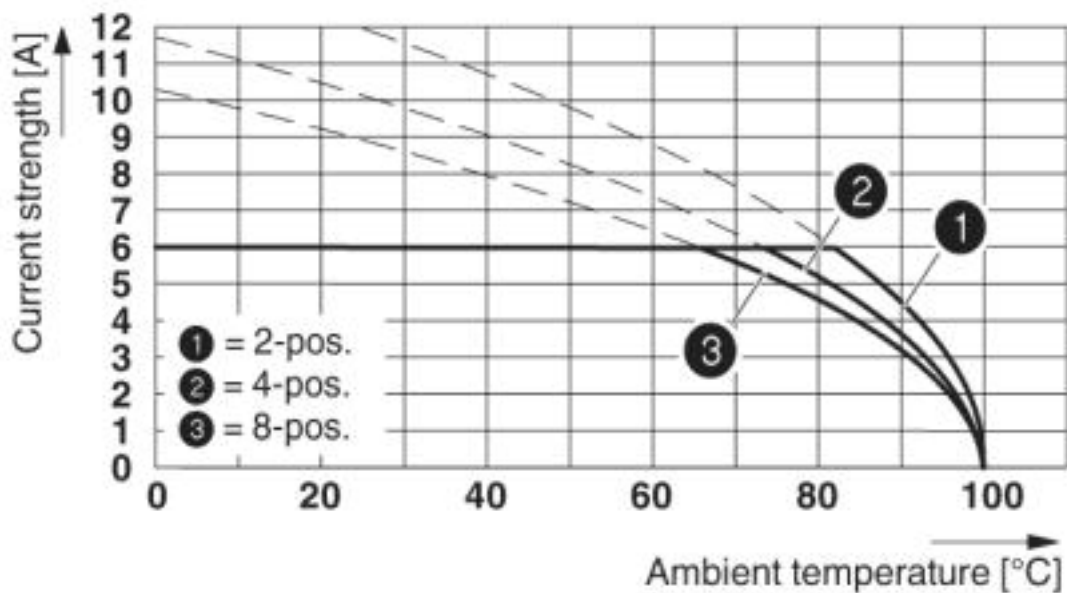
accessories

SZS 0,4X2,0 - 1205202



Drawings

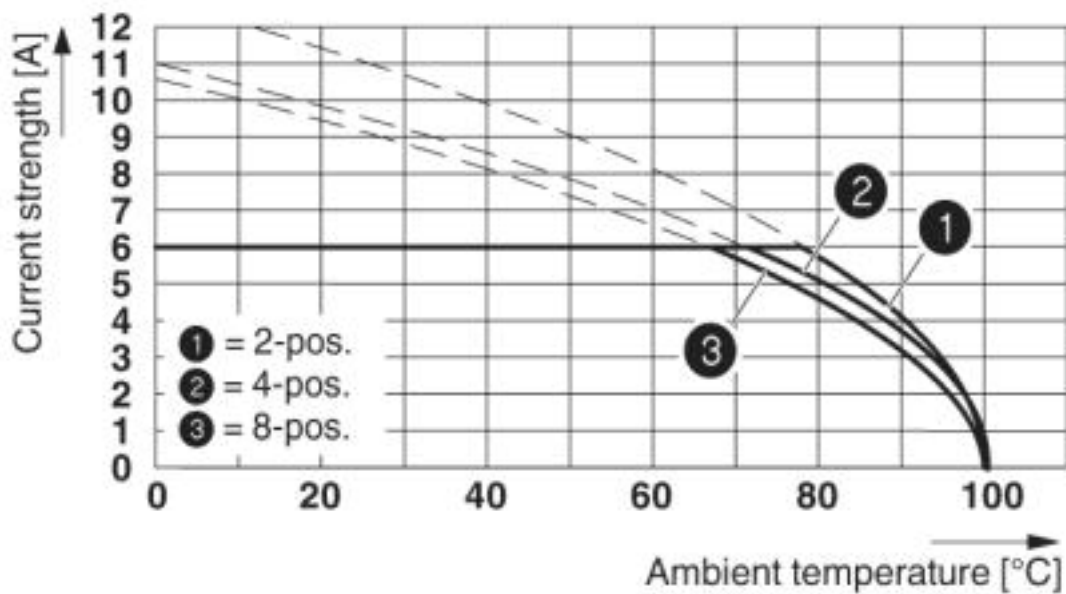
Diagram



Derating curve for: PTSM 0,5/...-P-2,5 with PTSM 0,5/...-HV-2,5-THR
R...

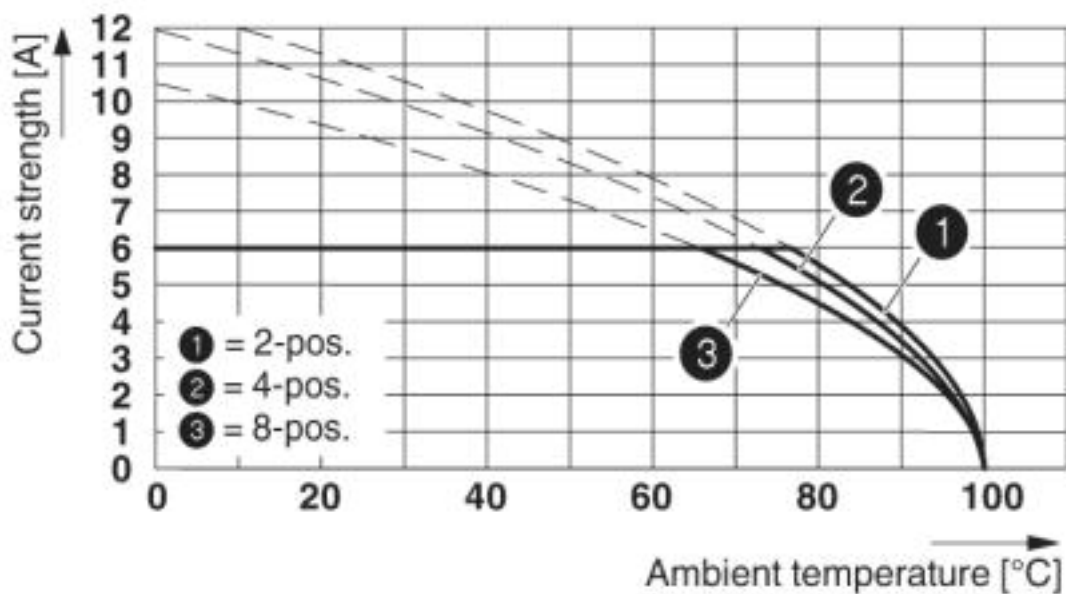
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Diagram



Derating curve for: PTSM 0,5/...-P-2,5 with PTSM 0,5/...-HH-2,5-THR R..

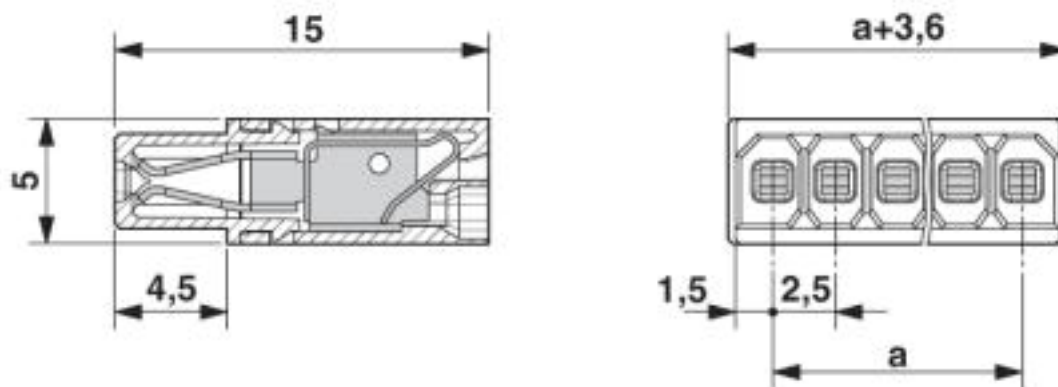
Diagram



Derating curve for: PTSM 0,5/...-P-2,5 with PTSM 0,5/...-HH-2,5-SMD R..

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Dimensioned drawing



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