Plug - PTDA 2,5/12-PH-5,0 - 1725678

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The figure shows a 10-position version of the product

Plug component, Nominal current: 14 A, Rated voltage (III/2): 400 V, Number of positions: 12, Pitch: 5 mm, Connection method: Spring-cage conn., Color: green, Contact surface: Tin

Product Features

- 5.0 mm pitch
- Large terminal block capacity with compact dimensions
- Attractive design for connection at a glance
- Spring-cage double connection with direct plug-in technology with a release button
- Plug with optional mechanical coding
- Optional color coding

Key commercial data

package_quantity	50
GTIN	4046356129855

Technical data

Dimensions

Pitch	5 mm
Dimension a	55 mm

General

Range of articles	PTDA 2,5/..-PH
Insulating material group	I
Rated surge voltage (III/3)	4 kV
Rated surge voltage (III/2)	4 kV
Rated surge voltage (II/2)	4 kV
Rated voltage (III/3)	320 V
Rated voltage (III/2)	400 V
Rated voltage (II/2)	630 V
Connection in acc. with standard	EN-VDE
Nominal current I_N	13.5 A
Nominal cross section	2.5 mm²
Maximum load current	13.5 A
Insulating material	PA

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Technical data

General

Inflammability class according to UL 94	V0
Stripping length	10 mm
Number of positions	12

Connection data

Conductor cross section solid min.	0.2 mm²
Conductor cross section solid max.	2.5 mm²
Conductor cross section stranded min.	0.2 mm²
Conductor cross section stranded max.	2.5 mm²
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.5 mm²
Conductor cross section stranded, with ferrule without plastic sleeve max.	2.5 mm²
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.5 mm²
Conductor cross section stranded, with ferrule with plastic sleeve max.	1 mm²
Conductor cross section AWG/kcmil min.	24
Conductor cross section AWG/kcmil max	14
2 conductors with same cross section, solid min.	0.2 mm²
2 conductors with same cross section, solid max.	2.5 mm²
2 conductors with same cross section, stranded min.	0.2 mm²
2 conductors with same cross section, stranded max.	2.5 mm²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	0.5 mm²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	2.5 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
Minimum AWG according to UL/CUL	24
Maximum AWG according to UL/CUL	14

classifications

eCl@ss

eCl@ss 4.0	272607xx
eCl@ss 4.1	27141109
eCl@ss 5.0	27141190
eCl@ss 5.1	27141190
eCl@ss 6.0	27261101
eCl@ss 7.0	27440401
eCl@ss 8.0	27440401

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classifications

ETIM

ETIM 3.0	EC001121
ETIM 4.0	EC002638
ETIM 5.0	EC002638

UNSPSC

UNSPSC 6.01	30211801
UNSPSC 7.0901	39121432
UNSPSC 11	34131203
UNSPSC 12.01	39121432
UNSPSC 13.2	39121432

approvals

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

Approval details

UL Recognized

Usegroups	**B**	**D**
Nominal voltage UN	300 V	300 V
Nominal current IN	13.5 A	10 A
mm²/AWG/kcmil	24-14	24-14

cUL Recognized

Usegroups	**B**	**D**
Nominal voltage UN	300 V	300 V
Nominal current IN	13.5 A	10 A
mm²/AWG/kcmil	24-14	24-14

GOST

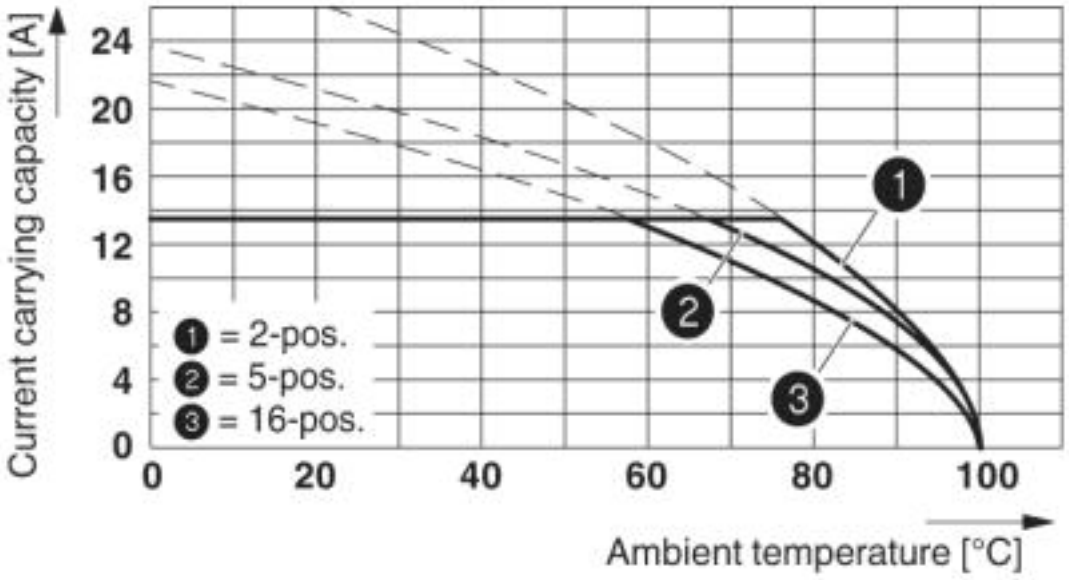
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approvals

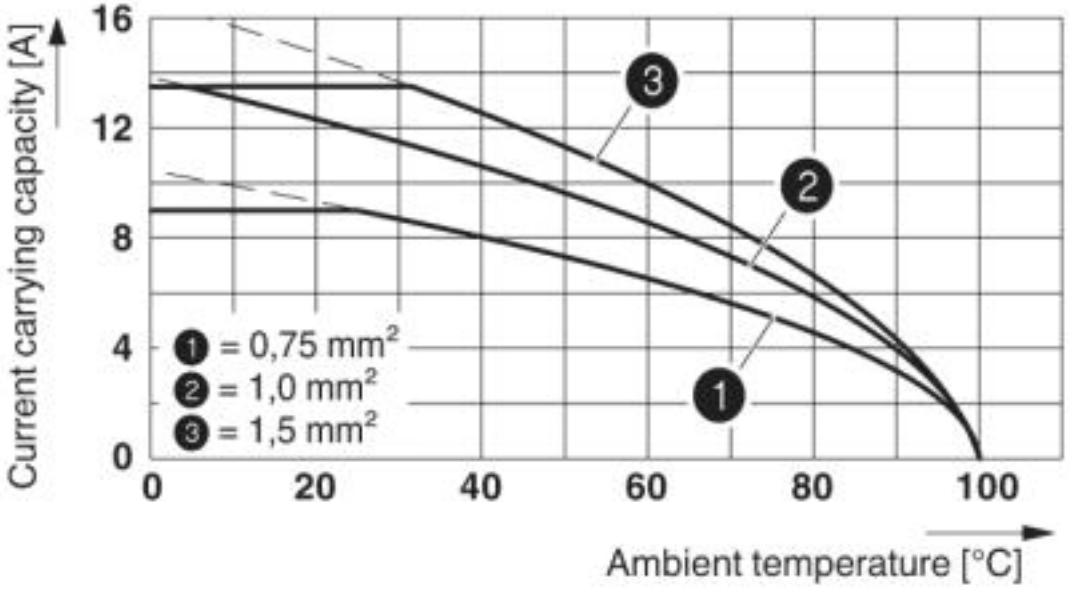
cULus Recognized

Drawings

Diagram

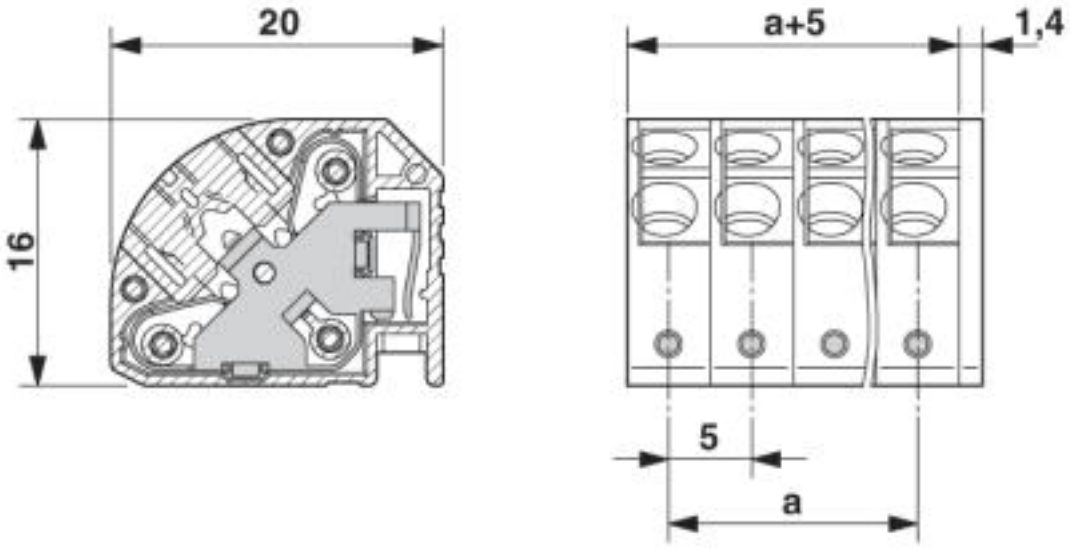


Diagram



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Dimensioned drawing



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