

Plug - PTDA 2,5/10-PH-5,0 - 1725652

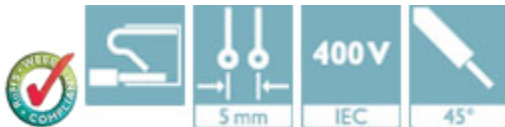
Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)

Plug component, Nominal current: 14 A, Rated voltage (III/2): 400 V, Number of positions: 10, Pitch: 5 mm, Connection method: Push-in spring connection, 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
- Optional color coding
- Plug with optional mechanical coding
- Spring-cage double connection with direct plug-in technology with a release button



Key Commercial Data

Packing unit	1 pc
Minimum order quantity	100 pc
Weight per Piece (excluding packing)	17.12 g
Custom tariff number	85366990
Country of origin	Poland

Technical data

Dimensions

Pitch	5.00 mm
Dimension a	45 mm

General

Range of articles	PTDA 2,5/..-PH
Insulating material group	I
Rated surge voltage (III/3)	4 kV

Plug - PTDA 2,5/10-PH-5,0 - 1725652

Technical data

General

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 mm ²
Maximum load current	13.5 A
Insulating material	PA
Flammability rating according to UL 94	V0
Stripping length	10 mm
Number of positions	10

Connection data

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

Plug - PTDA 2,5/10-PH-5,0 - 1725652

Technical data

Standards and Regulations

Connection in acc. with standard	EN-VDE
	CUL
Flammability rating according to UL 94	V0

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	27440309
eCl@ss 9.0	27440309

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

Approvals

Approvals

UL Recognized / cUL Recognized / EAC / EAC / cULus Recognized

Ex Approvals

Plug - PTDA 2,5/10-PH-5,0 - 1725652

Approvals

Approvals submitted

Approval details

UL Recognized

	B	D
mm ² /AWG/kcmil	24-14	24-14
Nominal current I _N	13.5 A	10 A
Nominal voltage U _N	300 V	300 V

cUL Recognized

	B	D
mm ² /AWG/kcmil	24-14	24-14
Nominal current I _N	13.5 A	10 A
Nominal voltage U _N	300 V	300 V

EAC

EAC

cULus Recognized

Accessories

Additional products

Pin strip - PST 1,3/10-H-5,0 - 1717330

Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 10, Pitch: 5 mm, Color: black, Contact surface: Tin, Mounting: THR soldering, The maximum current depends on the plug used. The lower of the two current values apply for plug and pin strip. The pin strip is made of highly temperature resistant plastic and is thus suitable for the reflow process.



Plug - PTDA 2,5/10-PH-5,0 - 1725652

Accessories

Pin strip - PST 1,3/10-5,0 - 1933260

Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 10, Pitch: 5 mm, Color: black, Contact surface: Tin, Mounting: THR soldering, The maximum current depends on the plug used. The lower of the two current values apply for plug and pin strip. The pin strip is made of highly temperature resistant plastic and is thus suitable for the reflow process.



Screwdriver - SZF 1-0,6X3,5 - 1204517

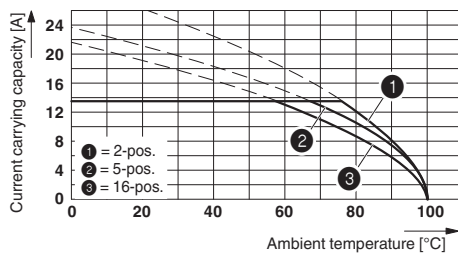


Actuation tool, for ST terminal blocks, also suitable for use as a bladed screwdriver, size: 0.6 x 3.5 x 100 mm, 2-component grip, with non-slip grip

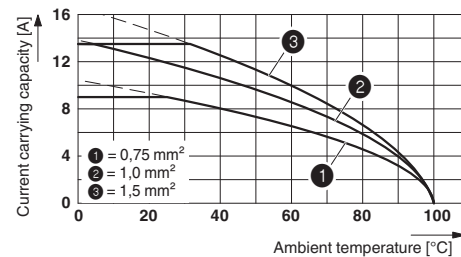
Coding profile - CP-PTDA - 1731361

Drawings

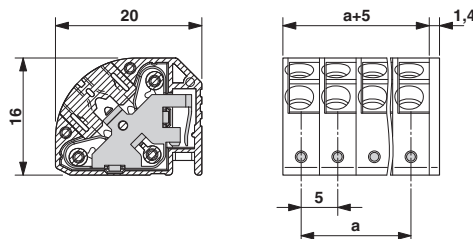
Diagram



Diagram



Dimensional drawing



Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Phoenix Contact:](#)

[1725652](#)