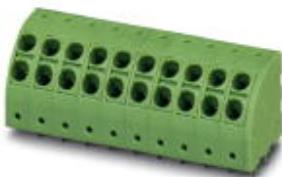


## PCB terminal block - PTDA 2,5/10-5,0 - 1725406

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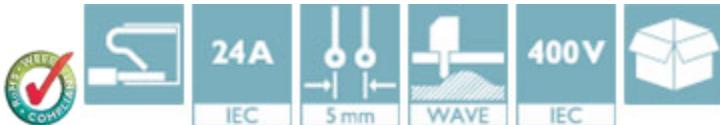


PCB terminal block, Nominal current: 24 A, Nom. voltage: 400 V, Pitch: 5 mm, Number of positions: 10, Connection method: Push-in spring connection, Mounting: Wave soldering, Conductor/PCB connection direction: 45 °, Color: green

The figure shows a 10-position version of the product

### Product Features

- 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



### Key Commercial Data

Packing unit	1 pc
Minimum order quantity	50 pc
Weight per Piece (excluding packing)	15.46 g
Custom tariff number	85369010
Country of origin	Poland

### Technical data

#### Dimensions

Pitch	5.00 mm
Dimension a	45 mm
Width	50 mm
Constructional height	16 mm
Height	19.5 mm
Length of the solder pin	3.5 mm
Pin dimensions	1 x 0,4 mm
Pin spacing	5 mm

# PCB terminal block - PTDA 2,5/10-5,0 - 1725406

## Technical data

### Dimensions

Hole diameter	1.3 mm
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### General

Range of articles	PTDA 2,5/
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 $I_N$	24 A
Nominal cross section	2.5 mm <sup>2</sup>
Maximum load current	24 A
Insulating material	PA
Solder pin surface	Sn
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 <sup>2</sup>
Conductor cross section solid max.	2.5 mm <sup>2</sup>
Conductor cross section flexible min.	0.2 mm <sup>2</sup>
Conductor cross section flexible max.	2.5 mm <sup>2</sup>
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.5 mm <sup>2</sup>
Conductor cross section flexible, with ferrule without plastic sleeve max.	2.5 mm <sup>2</sup>
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.5 mm <sup>2</sup>
Conductor cross section flexible, with ferrule with plastic sleeve max.	1 mm <sup>2</sup>
Conductor cross section AWG min.	24
Conductor cross section AWG max.	14
2 conductors with same cross section, solid min.	0.2 mm <sup>2</sup>
2 conductors with same cross section, solid max.	2.5 mm <sup>2</sup>
2 conductors with same cross section, stranded min.	0.2 mm <sup>2</sup>
2 conductors with same cross section, stranded max.	2.5 mm <sup>2</sup>
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	0.5 mm <sup>2</sup>

## PCB terminal block - PTDA 2,5/10-5,0 - 1725406

### Technical data

#### Connection data

2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	2.5 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.5 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	1 mm <sup>2</sup>

#### 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	27440401
eCl@ss 9.0	27440401

#### ETIM

ETIM 3.0	EC001121
ETIM 4.0	EC002643
ETIM 5.0	EC002643

#### UNSPSC

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

### Approvals

#### Approvals

## PCB terminal block - PTDA 2,5/10-5,0 - 1725406

### Approvals

#### Approvals

UL Recognized / VDE Gutachten mit Fertigungsüberwachung / cUL Recognized / CCA / IECEE CB Scheme / EAC / EAC / cULus Recognized

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#### Ex Approvals

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#### Approvals submitted

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#### Approval details

UL Recognized 		
	B	D
mm <sup>2</sup> /AWG/kcmil	24-14	24-14
Nominal current IN	15 A	10 A
Nominal voltage UN	300 V	300 V

VDE Gutachten mit Fertigungsüberwachung 		
	0.2-2.5	
mm <sup>2</sup> /AWG/kcmil	0.2-2.5	
Nominal current IN	24 A	
Nominal voltage UN	250 V	

cUL Recognized 		
	B	D
mm <sup>2</sup> /AWG/kcmil	24-14	24-14
Nominal current IN	15 A	10 A
Nominal voltage UN	300 V	300 V

CCA		
	0.2-2.5	
mm <sup>2</sup> /AWG/kcmil	0.2-2.5	

## PCB terminal block - PTDA 2,5/10-5,0 - 1725406

### Approvals

Nominal current IN	24 A
Nominal voltage UN	250 V

IECEE CB Scheme 	
mm <sup>2</sup> /AWG/kcmil	0.2-2.5
Nominal current IN	24 A
Nominal voltage UN	250 V

EAC
EAC

cULus Recognized 
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### Accessories

#### Accessories

#### Screwdriver tools

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

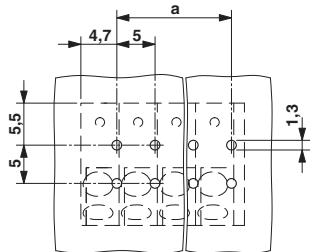


Actuation tool, for ST terminal blocks, also suitable for use as a bladed screwdriver, size: 0.6 x 3.5 x 100 mm, 2-component grip, with non-slip grip

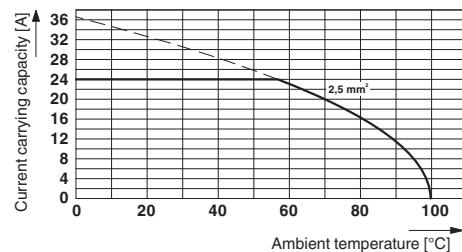
### Drawings

## PCB terminal block - PTDA 2,5/10-5,0 - 1725406

Drilling diagram

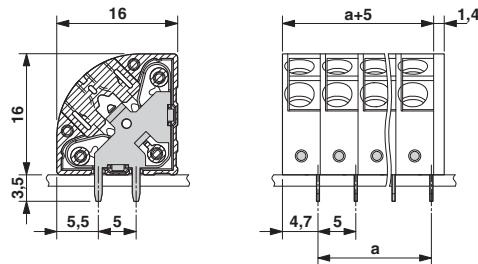


Diagram



Derating diagram for 5 positions; reduction factor=0.8

Dimensional drawing



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