

# KDS 2,5/2 +2RZ - 1709496

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PCB terminal block, nominal current: 24 A, nom. voltage: 400 V, pitch: 5 mm, number of positions: 2, connection method: Screw connection with tension sleeve, mounting: Wave soldering, conductor/PCB connection direction: 0 °, color: green

The figure shows a 10-position version of the product

#### Your advantages

- Allows connection of two conductors
- Quick and convenient testing using integrated test option
- Two solder pins reduce the mechanical strain on the soldering spots
- The latching on the side enables various numbers of positions to be combined



# **Key Commercial Data**

Packing unit	50 pc		
GTIN	4 055626 071121		
GTIN	4055626071121		

# Technical data

#### **Dimensions**

Length [1]	17.55 mm
Pitch	5 mm
Dimension a	5 mm
Width [w]	10 mm
Height	18 mm
Height [ h ]	18 mm
Solder pin [P]	3.6 mm
Hole diameter	1.4 mm

### General



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# Technical data

### General

Range of articles	KDS 2,5	
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)	250 V	
Rated voltage (III/2)	400 V	
Rated voltage (II/2)	630 V	
Connection in acc. with standard	EN-VDE	
Nominal current I <sub>N</sub>	24 A	
Nominal cross section	2.5 mm²	
Internal cylindrical gage	A3	
Stripping length	9 mm	
Number of positions	2	
Screw thread	M3	
Tightening torque, min	0.5 Nm	
Tightening torque max	0.6 Nm	

#### Connection data

Conductor cross section AWG min.	24		
Conductor cross section AWG max.	12		
2 conductors with same cross section, solid min.	0.2 mm²		
2 conductors with same cross section, solid max.	1 mm²		
2 conductors with same cross section, stranded min.	0.2 mm²		
2 conductors with same cross section, stranded max.	1.5 mm <sup>2</sup>		
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	0.25 mm²		
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	0.5 mm²		
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 mm²		

### Standards and Regulations

Connection in acc. with standard	EN-VDE
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# **Environmental Product Compliance**

REACh SVHC	Lead 7439-92-1		
China RoHS	Environmentally Friendly Use Period = 50		
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"		



# KDS 2,5/ 2 +2RZ - 1709496

Approvals			
Approvals			
Approvals			
EAC			
Ex Approvals			
Approval details			
EAC	EAC		B.01742

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PHOENIX CONTACT GmbH & Co. KG Flachsmarktstr. 8 32825 Blomberg Germany

Tel. +49 5235 300 Fax +49 5235 3 41200

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