

## INDUSTRIAL COMPONENT DATA

# FKDSO 2,5 HV/3-L 7,5 KMGY PA1,3 1456043 PHOENIX CONTACT Printed circuit board terminal, rated current: 24 A,..

Brand: PHOENIX CONTACT | Manufacturer Part Number: FKDSO 2,5 HV/3-L 7,5 KMGY PA1,3



|                 |                                 |
|-----------------|---------------------------------|
| Manufacturer    | PHOENIX CONTACT                 |
| MPN / Reference | FKDSO 2,5 HV/3-L 7,5 KMGY PA1,3 |
| Catalog number  | 1456043                         |
| Category        | Printed circuit board terminal  |
| Minimum order   | 50 Pcs                          |
| Document ID     | EO-4251EFD532                   |
| Generated       | 2026-08-03                      |

## Product Overview

Printed circuit board terminal, rated current: 24 A, rated voltage (III/2): 630 V, rated cross-section: 2.5 mm<sup>2</sup>, number of potentials: 2, number of rows: 1, number of poles per row: 2, item family: FKDSO 2.5 HV/.. -L, pitch: 7.5 mm, connection type: Push-in spring connection, mounting: Wave soldering, conductor connection direction/printed circuit board: 0 °, color: light gray, Pin arrangement: Linear pin arrangement, Pin length [P]: 3.53 mm, number of solder pins per potential: 1, packaging type: boxed. Partially equipped variant with left side pin output

PCB terminal, nominal current: 24 A, nominal voltage (III/2): 630 V, nominal cross-section: 2.5 mm<sup>2</sup>, number of potentials: 2, number of rows: 1, number of poles per row: 2, article family: FKDSO 2.5 HV/. -L, pitch: 7.5mm, Connection Type: Push-in Spring Connection, Mounting: Wave Soldering, Conductor/PCB Connection Direction: 0°, Color: Light Gray, Pin Arrangement: Linear Pin Arrangement, Pin Length [P]: 3.53mm, Number of Solder Pins by Potential: 1, Packing Type: Boxed Packaging. Partially equipped variant with left-side pin output

PCB terminal block, nominal current: 24 A, rated voltage (III/2): 630 V, nominal cross section: 2.5 mm<sup>2</sup>, number of potentials: 2, number of rows: 1, number of positions per row: 2, product range: FKDSO 2,5 HV/..-L, pitch: 7.5 mm, connection method: Push-in spring connection, mounting: Wave solder...

## STRUCTURED PRODUCT DATA

## Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

## Classification & Catalog Path

|              |                                |
|--------------|--------------------------------|
| Catalog path | PHOENIX CONTACT > Housing (HS) |
|--------------|--------------------------------|

## Additional Product Information

Technical dataProduct propertiesProduct type Printed circuit board terminal

Product family FKDSO 2,5 HV/..-L

Number of positions 2

Pitch 7.5 mm  
Number of connections 2  
Number of rows 1  
Number of potentials 2  
Pin layout Linear pinning  
Solder pins per potential 1  
Electrical propertiesNominal current IN 24 A  
Nominal voltage UN 630 V  
Degree of pollution 3  
Rated voltage (III/3) 630 V  
Rated surge voltage (III/3) 6 kV  
Rated voltage (III/2) 630 V  
Rated surge voltage (III/2) 6 kV  
Rated voltage (II/2) 1000 V  
Rated surge voltage (II/2) 6 kV  
Connection dataConnection technology  
Nominal cross section 2.5 mm<sup>2</sup>  
Conductor connection  
Connection method Push-in spring connection  
Conductor cross section rigid 0.2 mm<sup>2</sup> ... 2.5 mm<sup>2</sup>  
Conductor cross section flexible 0.2 mm<sup>2</sup> ... 2.5 mm<sup>2</sup>  
Conductor cross section AWG 24 ... 14  
Conductor cross section flexible, with ferrule without plastic sleeve 0.25 mm<sup>2</sup> ... 2.5 mm<sup>2</sup>  
Conductor cross section, flexible, with ferrule, with plastic sleeve 0.25 mm<sup>2</sup> ... 2.5 mm<sup>2</sup>  
2 conductors with the same cross section, flexible, with TWIN ferrule with plastic sleeve 0.5 mm<sup>2</sup> ... 1.5 mm<sup>2</sup>  
Stripping length 10 mm  
MountingMounting type Wave soldering  
Pin layout Linear pinning  
Connection method Push-in spring connection  
Material specificationsMaterial data - contact  
Note WEEE/RoHS-compliant, free of whiskers according to IEC 60068-2-82/JEDEC JESD 201  
Contact material Cu alloy  
Surface characteristics Tin-plated  
Metal surface terminal point (top layer) Tin (Sn)  
Material data - housing  
C...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / FKDSO 2,5 HV/3-L 7,5 KMGY PA1,3 with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://electricaonline.com/request-quote).

### GLOBAL OFFICES

Germany: Lise-Meitner-Straße 13, 89081 Ulm | USA: 16225 Park Ten Pl #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

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