

**INDUSTRIAL COMPONENT DATA**

# MKDSP 25/ 3-15,00-F GY 1743255 PHOENIX CONTACT Printed circuit board terminal, nominal current: 125 A, nomin..

Brand: PHOENIX CONTACT | Manufacturer Part Number: MKDSP 25/ 3-15,00-F GY



|                 |                                |
|-----------------|--------------------------------|
| Manufacturer    | PHOENIX CONTACT                |
| MPN / Reference | MKDSP 25/ 3-15,00-F GY         |
| Catalog number  | 1743255                        |
| Category        | Printed circuit board terminal |
| Minimum order   | 25 Pcs                         |
| Document ID     | EO-FD703CC5F0                  |
| Generated       | 2026-08-06                     |

## Product Overview

Printed circuit board terminal, nominal current: 125 A, nominal voltage (III/2): 1000 V, nominal section: 35 mm<sup>2</sup>, number of rows: 1, number of poles per row: 3, article family: MKDSP 25/.. -F, pitch: 15 mm, connection type: Screw connection with traction capsule, screw clamping method: Z2L Pozidriv with longitudinal slot, mounting: Wave soldering, conductor/printed circuit board connection direction: 0 °, color: gray, Pin arrangement: Linear pin arrangement, Pin length [P]: 4.5 mm, number of solder pins per potential: 4, Packing Type: Boxed Packed

**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 &gt; PCB Connectors (PCC)

## Additional Product Information

ETIM for 1743255 Connectors (EC002643)

Feature Name

Feature Value

Height (EF000040)

43.5 mm

Number of levels (EF002659)

1

Modular spacing connections (EF006827)

15 mm

Rated current I<sub>n</sub> (EF008250)

125 A

Rated voltage (EF000228)  
1000 V

Rated surge voltage (EF002993)  
8 kV

Over voltage category (EF006785)  
III

Pollution degree (EF006786)  
2

Connection type conductor (EF006821)  
Screw connection

Connectable conductor cross section solid-core (EF007337)  
0.5 mm<sup>2</sup>

Connectable conductor cross section fine-strand with cable end sleeve (EF007339)  
1.5 mm<sup>2</sup>

Connectable conductor cross section fine-strand without cable end sleeve (EF007341)  
0.5 mm<sup>2</sup>

Connectable conductor cross section multi-wired (EF007343)  
0.5 mm<sup>2</sup>

Connection type PCB (EF006822)  
Soldering connection

Material connection surface (EF006826)  
Tin

Diameter connection pin (EF006823)  
1.6 mm

Length pin (EF006825)  
4.5 mm

Material insulation body (EF007543)  
Other

Housing colour (EF000136)  
Grey

Inflammability class of insulation material according to UL94 (EF002521)  
V0

Operating temperature (EF002393)  
-40 °C

Type of PCB fastening (EF008226)  
Flange

Type of fastening (EF002442)  
Solder

Type of banding (EF007011)  
Carton (for SMD)

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MKDSP 25/ 3-15,00-F GY 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

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