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PCB terminal block, Nominal current: 24 A, Nom. voltage: 400 V, Pitch: 5.08 mm, Number of positions: 1, Connection method: Spring-cage connection, Mounting: Soldering, Conductor/PCB connection direction: 45 °, Color: green, The article can be aligned to create different nos. of positions!

Why buy this product

- 5.08 mm pitch
- Modular design enables blocking for larger numbers of positions



Key commercial data

| Packing unit | 50 pc |
|--------------------------------------|-----------------|
| Minimum order quantity | 50 pc |
| GTIN | 4 017918 451837 |
| Weight per Piece (excluding packing) | 1.39 g |
| Custom tariff number | 85369010 |
| Country of origin | Poland |

Technical data

Dimensions

| Length | 16.85 mm |
|----------------|--------------|
| Pitch | 5.08 mm |
| Pin dimensions | 0,8 x 0,8 mm |
| Hole diameter | 1.3 mm |

General

| Range of articles | ZFKDS(A) 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) | 250 V |



Technical data

General

| 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 mm² |
| Maximum load current | 24 A (with 2.5 mm² conductor cross section) |
| Insulating material | PA |
| Solder pin surface | Sn |
| Inflammability class according to UL 94 | V0 |
| Internal cylindrical gage | A3 |
| Stripping length | 7 mm |
| Number of positions | 1 |

Connection data

| Conductor cross section solid min. | 0.2 mm ² |
|--|----------------------|
| Conductor cross section solid max. | 4 mm² |
| Conductor cross section stranded min. | 0.2 mm² |
| Conductor cross section stranded max. | 2.5 mm ² |
| Conductor cross section stranded, with ferrule without plastic sleeve min. | 0.25 mm ² |
| Conductor cross section stranded, with ferrule without plastic sleeve max. | 2.5 mm² |
| Conductor cross section stranded, with ferrule with plastic sleeve min. | 0.25 mm² |
| Conductor cross section stranded, with ferrule with plastic sleeve max. | 1.5 mm² |
| Conductor cross section AWG/kcmil min. | 24 |
| Conductor cross section AWG/kcmil max | 12 |

Classifications

eCl@ss

| eCl@ss 4.0 | 27141109 |
|------------|----------|
| 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 |

ETIM

| ETIM 3.0 | EC001121 |
|----------|----------|
| ETIM 4.0 | EC002643 |
| ETIM 5.0 | EC002643 |



Classifications

UNSPSC

| UNSPSC 6.01 | 30211801 |
|---------------|----------|
| UNSPSC 7.0901 | 39121432 |
| UNSPSC 11 | 39121432 |
| UNSPSC 12.01 | 39121432 |
| UNSPSC 13.2 | 39121432 |

Approvals

| Α | n | n | rn | V | al | S |
|---|---|---|----|---|----|---|

Approvals

UL Recognized / cUL Recognized / EAC / cULus Recognized

Ex Approvals

Approvals submitted

Approval details

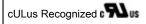
| UL Recognized S | | |
|------------------------|-------|-------|
| | В | D |
| mm²/AWG/kcmil | 26-12 | 26-12 |
| Nominal current IN | 10 A | 10 A |
| Nominal voltage UN | 250 V | 300 V |

| cUL Recognized 📢 | | |
|--------------------|-------|-------|
| | В | D |
| mm²/AWG/kcmil | 26-12 | 26-12 |
| Nominal current IN | 10 A | 10 A |
| Nominal voltage UN | 250 V | 300 V |

| EAC | | | |
|-----|--|--|--|
| | | | |



Approvals



Accessories

Accessories

Labeled terminal marker

Marker card - SK 5,08/3,8:FORTL.ZAHLEN - 0804293



Marker card, Card, white, labeled, Horizontal: Consecutive numbers 1 - 10, 11 - 20, etc. up to 91 - (99)100, Mounting type: Adhesive, for terminal block width: 5.08 mm, Lettering field: 5.08 x 3.8 mm

Marker for terminal blocks - SK 5,08/3,8: 0-9 - 0804303



Marker for terminal blocks, Card, white, labeled, Horizontal: Consecutive numbers 0 - 9, Mounting type: Adhesive, for terminal block width: 5.08 mm, Lettering field: 5.08 x 3.8 mm

Marker card - SK 5,08/3,8:FORTL.ZAHLEN - 0804293



Marker card, Card, white, labeled, Horizontal: Consecutive numbers 1 - 10, 11 - 20, etc. up to 91 - (99)100, Mounting type: Adhesive, for terminal block width: 5.08 mm, Lettering field: 5.08 x 3.8 mm

Marker pen

Marker pen - B-STIFT - 1051993



Marker pen, for manual labeling of unprinted Zack strips, smear-proof and waterproof, line thickness 0.5 mm

Printed circuit board terminal



Accessories

PCB terminal block - ZFKDS 2.5-5.08 L - 1905214



PCB terminal block, Nominal current: 24 A, Nom. voltage: 400 V, Pitch: 5.08 mm, Number of positions: 1, Connection method: Spring-cage connection, Mounting: Soldering, Conductor/PCB connection direction: 45 °, Color: green, The article can be aligned to create different nos. of positions!

PCB terminal block - ZFKDSA 2,5-6,08 R - 1905010



PCB terminal block, Nominal current: 24 A, Nom. voltage: 400 V, Pitch: 5.08 mm, Number of positions: 1, Connection method: Spring-cage connection, Mounting: Soldering, Conductor/PCB connection direction: 45 °, Color: green, The article can be aligned to create different nos. of positions!

Screwdriver tools

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



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

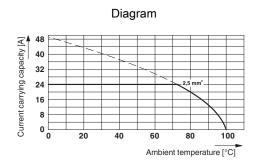
Terminal marking

Marker card - SK 5,08/3,8:UNBEDRUCKT - 0805412



Marker card, Card, white, unlabeled, can be labeled with: Marker pen, Mounting type: Adhesive, for terminal block width: 5.08 mm, Lettering field: 5.08 x 3.8 mm

Drawings





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