

PCB terminal block - FRONT 2,5-H/SA 5/ 7 BK - 1707836

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PCB terminal block, Nominal current: 24 A, Nom. voltage: 400 V, Pitch: 5 mm, Number of positions: 7, Connection method: Screw connection, Mounting: Soldering, Conductor/PCB connection direction: 0 °, Color: black

Key commercial data

| | |
|----------------------|----------|
| Packing unit | 1 pc |
| Custom tariff number | 85369010 |
| Country of origin | Germany |

Technical data

Dimensions

| | |
|----------------|--------------|
| Length | 19.5 mm |
| Height | 22 mm |
| Pitch | 5 mm |
| Dimension a | 30 mm |
| Pin dimensions | 0,8 x 0,8 mm |
| Pin spacing | 5 mm |
| Hole diameter | 1.2 mm |

General

| | |
|----------------------------------|---------------------|
| Range of articles | FRONT 2,5-H/SA 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_N | 24 A |
| Nominal cross section | 2.5 mm ² |
| Solder pin surface | Sn |
| Internal cylindrical gage | A3 |
| Stripping length | 9 mm |
| Number of positions | 7 |
| Screw thread | M2,5 |

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Technical data

General

| | |
|------------------------|--------|
| Tightening torque, min | 0.4 Nm |
| Tightening torque max | 0.5 Nm |

Connection data

| | |
|---|----------------------|
| Conductor cross section AWG/kcmil min. | 24 |
| Conductor cross section AWG/kcmil max | 14 |
| 2 conductors with same cross section, solid min. | 0.2 mm ² |
| 2 conductors with same cross section, solid max. | 0.75 mm ² |
| 2 conductors with same cross section, stranded min. | 0.2 mm ² |
| 2 conductors with same cross section, stranded max. | 0.75 mm ² |
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, min. | 0.25 mm ² |
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, max. | 0.34 mm ² |
| Minimum AWG according to UL/CUL | 30 |
| Maximum AWG according to UL/CUL | 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 |

UNSPSC

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

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Approvals

Approvals

Approvals

CSA / UL Recognized / cUL Recognized / GOST / GOST / cULus Recognized

Ex Approvals

Approvals submitted

Approval details

| | | |
|----------------------------|-------|-------|
| CSA | | |
| | B | D |
| mm ² /AWG/kcmil | 24-12 | 24-12 |
| Nominal current IN | 10 A | 10 A |
| Nominal voltage UN | 300 V | 300 V |

| | | | | |
|----------------------------|-------|-------|-------|---|
| UL Recognized | | | | |
| | | B | C | D |
| mm ² /AWG/kcmil | 30-12 | 30-12 | 30-12 | |
| Nominal current IN | 20 A | 17 A | 20 A | |
| Nominal voltage UN | 300 V | 300 V | 300 V | |

| | | | | |
|----------------------------|-------|-------|-------|---|
| cUL Recognized | | | | |
| | | B | C | D |
| mm ² /AWG/kcmil | 30-12 | 30-12 | 30-12 | |
| Nominal current IN | 10 A | 17 A | 10 A | |
| Nominal voltage UN | 250 V | 300 V | 300 V | |

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Approvals

GOST 

GOST 

cULus Recognized 