

## PCB terminal block - BC-508X14- 6 GY - 5436283

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PCB terminal block, Nominal current: 17.5 A, Nom. voltage: 400 V, Pitch: 5.08 mm, Number of positions: 6, Connection method: Screw connection, Mounting: Soldering, Conductor/PCB connection direction: 0 °, Color: signal grey

### Product Features



### Key commercial data

|                        |          |
|------------------------|----------|
| Packing unit           | 1 pc     |
| Minimum order quantity | 100 pc   |
| Custom tariff number   | 85369010 |
| Country of origin      | China    |

### Technical data

#### Dimensions

|                |              |
|----------------|--------------|
| Length         | 9.8 mm       |
| Pitch          | 5.08 mm      |
| Dimension a    | 25.4 mm      |
| Pin dimensions | 0,9 x 0,9 mm |
| Hole diameter  | 1.3 mm       |

#### General

|                             |        |
|-----------------------------|--------|
| Range of articles           | BC-X14 |
| 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  |

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### Technical data

#### General

|                                         |                     |
|-----------------------------------------|---------------------|
| Connection in acc. with standard        | EN-VDE              |
| Nominal current $I_N$                   | 17.5 A              |
| Nominal cross section                   | 1.5 mm <sup>2</sup> |
| Insulating material                     | PA                  |
| Solder pin surface                      | Sn                  |
| Inflammability class according to UL 94 | V0                  |
| Internal cylindrical gage               | A1                  |
| Stripping length                        | 7 mm                |
| Number of positions                     | 6                   |
| Screw thread                            | M3                  |
| Tightening torque, min                  | 0.5 Nm              |
| Tightening torque max                   | 0.6 Nm              |

#### Connection data

|                                                                                         |                      |
|-----------------------------------------------------------------------------------------|----------------------|
| Conductor cross section flexible, with ferrule without plastic sleeve min.              | 0.25 mm <sup>2</sup> |
| Conductor cross section stranded, with ferrule without plastic sleeve max.              | 1.5 mm <sup>2</sup>  |
| Conductor cross section flexible, with ferrule with plastic sleeve min.                 | 0.25 mm <sup>2</sup> |
| Conductor cross section flexible, with ferrule with plastic sleeve max.                 | 1.5 mm <sup>2</sup>  |
| Conductor cross section AWG min.                                                        | 26                   |
| Conductor cross section AWG max.                                                        | 14                   |
| 2 conductors with same cross section, solid min.                                        | 0.14 mm <sup>2</sup> |
| 2 conductors with same cross section, solid max.                                        | 1 mm <sup>2</sup>    |
| 2 conductors with same cross section, stranded min.                                     | 0.14 mm <sup>2</sup> |
| 2 conductors with same cross section, stranded max.                                     | 0.75 mm <sup>2</sup> |
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.   | 0.25 mm <sup>2</sup> |
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.   | 0.5 mm <sup>2</sup>  |
| 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 mm <sup>2</sup>    |

### Classifications

eCl@ss

|            |          |
|------------|----------|
| eCl@ss 4.0 | 27141111 |
| eCl@ss 4.1 | 27141109 |
| eCl@ss 5.0 | 27141190 |

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## Classifications

### eCl@ss

|            |          |
|------------|----------|
| 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  | 39121409 |
| UNSPSC 13.2   | 39121432 |

## Approvals

### Approvals

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#### Approvals

UL Recognized / cUL Recognized / cULus Recognized

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#### Ex Approvals

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#### Approvals submitted

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### Approval details

|                                                                                                   |       |       |
|---------------------------------------------------------------------------------------------------|-------|-------|
| UL Recognized  |       |       |
|                                                                                                   | B     | D     |
| mm <sup>2</sup> /AWG/kcmil                                                                        | 30-14 | 30-14 |
| Nominal current I <sub>N</sub>                                                                    | 15 A  | 15 A  |

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## Approvals

|                    | B     | D     |
|--------------------|-------|-------|
| Nominal voltage UN | 300 V | 150 V |

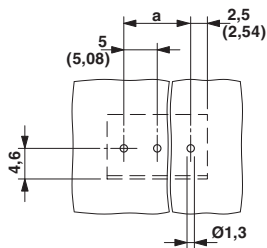
cUL Recognized

|                            | B     | D     |
|----------------------------|-------|-------|
| mm <sup>2</sup> /AWG/kcmil | 30-14 | 30-14 |
| Nominal current IN         | 15 A  | 15 A  |
| Nominal voltage UN         | 300 V | 150 V |

cULus Recognized

## Drawings

Drilling diagram



Dimensional drawing

