

## PCB terminal block - BC-381X9-11 GY - 5430247

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PCB terminal block, Nominal current: 13.5 A, Nom. voltage: 200 V, Pitch: 3.81 mm, Number of positions: 11, Connection method: Screw connection, Mounting: Soldering, Conductor/PCB connection direction: 0 °, Color: signal grey

The illustration shows the 3-pos. version



### Key commercial data

|                                      |           |
|--------------------------------------|-----------|
| Packing unit                         | 1 pc      |
| Minimum order quantity               | 100 pc    |
| Weight per Piece (excluding packing) | 22.22 GRM |
| Custom tariff number                 | 85369010  |
| Country of origin                    | China     |

### Technical data

#### Dimensions

|                |              |
|----------------|--------------|
| Length         | 7.3 mm       |
| Height         | 8.5 mm       |
| Pitch          | 3.81 mm      |
| Dimension a    | 38.1 mm      |
| Pin dimensions | 0,5 x 0,9 mm |
| Hole diameter  | 1.1 mm       |

#### General

|                             |        |
|-----------------------------|--------|
| Range of articles           | BC-X9  |
| Insulating material group   | I      |
| Rated surge voltage (III/3) | 2.5 kV |
| Rated surge voltage (III/2) | 2.5 kV |
| Rated surge voltage (II/2)  | 2.5 kV |
| Rated voltage (III/3)       | 160 V  |

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## Technical data

### General

|                                         |                     |
|-----------------------------------------|---------------------|
| Rated voltage (III/2)                   | 200 V               |
| Rated voltage (II/2)                    | 400 V               |
| Connection in acc. with standard        | EN-VDE              |
| Nominal current $I_N$                   | 13.5 A              |
| Nominal cross section                   | 1.5 mm <sup>2</sup> |
| Insulating material                     | PA                  |
| Solder pin surface                      | Sn                  |
| Inflammability class according to UL 94 | V0                  |
| Stripping length                        | 5 mm                |
| Number of positions                     | 11                  |
| Screw thread                            | M2                  |
| Tightening torque, min                  | 0.22 Nm             |
| Tightening torque max                   | 0.25 Nm             |

### Connection data

|                                                                            |                      |
|----------------------------------------------------------------------------|----------------------|
| Conductor cross section solid min.                                         | 0.14 mm <sup>2</sup> |
| Conductor cross section solid max.                                         | 1.5 mm <sup>2</sup>  |
| Conductor cross section stranded min.                                      | 0.14 mm <sup>2</sup> |
| Conductor cross section stranded max.                                      | 1.5 mm <sup>2</sup>  |
| Conductor cross section stranded, with ferrule without plastic sleeve min. | 0.25 mm <sup>2</sup> |
| Conductor cross section stranded, with ferrule without plastic sleeve max. | 0.5 mm <sup>2</sup>  |
| Conductor cross section stranded, with ferrule with plastic sleeve min.    | 0.25 mm <sup>2</sup> |
| Conductor cross section stranded, with ferrule with plastic sleeve max.    | 0.5 mm <sup>2</sup>  |
| Conductor cross section AWG/kcmil min.                                     | 26                   |
| Conductor cross section AWG/kcmil max                                      | 16                   |
| 2 conductors with same cross section, solid min.                           | 0.14 mm <sup>2</sup> |
| 2 conductors with same cross section, solid max.                           | 0.5 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.                        | 0.34 mm <sup>2</sup> |
| Minimum AWG according to UL/CUL                                            | 30                   |
| Maximum AWG according to UL/CUL                                            | 16                   |

## 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

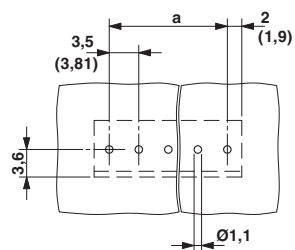
|          |          |
|----------|----------|
| ETIM 3.0 | EC001121 |
| ETIM 4.0 | EC002643 |
| ETIM 5.0 | EC002643 |

### UNSPSC

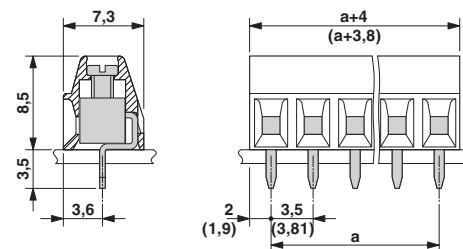
|               |          |
|---------------|----------|
| UNSPSC 6.01   | 30211810 |
| UNSPSC 7.0901 | 39121409 |
| UNSPSC 11     | 39121409 |
| UNSPSC 12.01  | 39121409 |
| UNSPSC 13.2   | 39121409 |

## Drawings

Drilling diagram



Dimensioned drawing



Diagram

