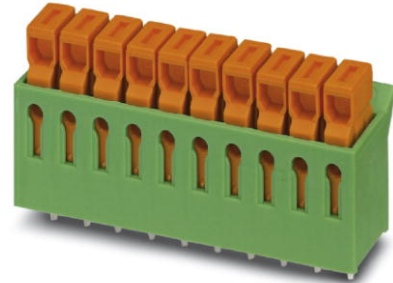


**IDC 0,3/10-3,81**


Order No.: 1706251

The figure shows a 10-position version of the product

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1706251>

PC terminal block, Nominal current: 5 A, Nom. voltage: 160 V, Pitch: 3.81 mm, Number of positions: 10, Connection method: Insulation displacement connection QUICKON, Mounting: Soldering, Conductor/PCB connection direction: 0 °, Color: green

**Commercial data**

|                          |   |
|--------------------------|---|
| GTIN (EAN)               | <br>4 017918 116750 |
| sales group              | E071  |
| Pack                     | 50 pcs.   |
| Customs tariff           | 85369010  |
| Catalog page information | Page 146 (CC-2011)  |

**Product notes**WEEE/RoHS-compliant since:  
01/01/2003

<http://www.download.phoenixcontact.com>  
Please note that the data given here has been taken from the online catalog. For comprehensive information and data, please refer to the user documentation. The General Terms and Conditions of Use apply to Internet downloads.

**Technical data****Dimensions / positions**

|             |          |
|-------------|----------|
| Length      | 10 mm    |
| Pitch       | 3.81 mm  |
| Dimension a | 34.29 mm |

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|                     |            |
|---------------------|------------|
| Number of positions | 10         |
| Pin dimensions      | 1 x 0,4 mm |
| Hole diameter       | 1.3 mm     |

**Technical data**

|                                     |   |
|-------------------------------------|---|
| Range of articles                   | IDC 0,3   |
| 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   |
| Rated voltage (III/2)               | 160 V   |
| Rated voltage (II/2)                | 320 V   |
| Connection in acc. with standard    | EN-VDE  |
| Nominal current $I_N$               | 5 A   |
| Nominal cross section               | 0.34 mm <sup>2</sup>                                    |
| Maximum load current                | 5 A (with 0.34 mm <sup>2</sup> conductor cross section) |
| Insulating material                 | PA  |
| Inflammability class acc. to UL 94  | V0  |
| Nominal voltage, UL/CUL Use Group B | 250 V   |
| Nominal current, UL/CUL Use Group B | 5 A   |
| Nominal voltage, UL/CUL Use Group D | 300 V   |
| Nominal current, UL/CUL Use Group D | 5 A   |

**Connection data**

|  |                      |
|--|----------------------|
| Conductor cross section solid min.     | 0.13 mm <sup>2</sup> |
| Conductor cross section solid max.     | 0.34 mm <sup>2</sup> |
| Conductor cross section stranded min.  | 0.22 mm <sup>2</sup> |
| Conductor cross section stranded max.  | 0.34 mm <sup>2</sup> |
| Conductor cross section AWG/kcmil min. | 26                   |
| Conductor cross section AWG/kcmil max  | 22                   |
| Minimum AWG according to UL/CUL        | 28                   |
| Maximum AWG according to UL/CUL        | 22                   |

**Certificates / Approvals**



Certification

CSA, CUL, GOST, UL

**Accessories**

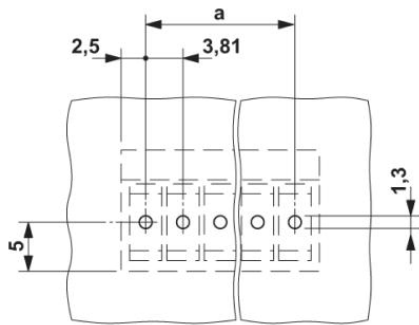
| Item | Designation | Description |
|------|-------------|-------------|
|------|-------------|-------------|

**Marking**

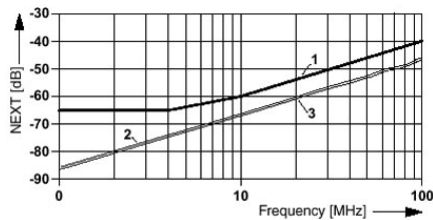
|         |                          |  |
|---------|--------------------------|--|
| 0804109 | SK 3,81/2,8:FORTL.ZAHLEN | Marker card, printed horizontally, self-adhesive, 10-section marker strip, 14 identical decades marked 1-10, 11-20 etc. up to 91-(99)100, sufficient for 140 terminal blocks |
|---------|--------------------------|--|

**Diagrams/Drawings**

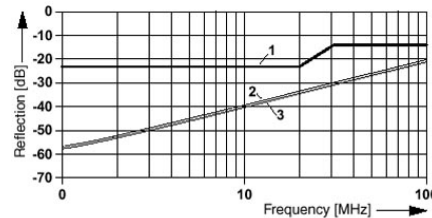
Drilling plan/solder pad geometry



**Diagram**



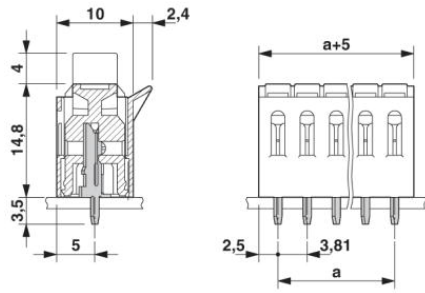
1 = Limit values acc. to EN 50173 for connection technology  
 2 = NEXT 12-36 on the soldering tag  
 3 = NEXT 12-36 on the contact terminal block



1 = Limit values acc. to EN 50173 for connection technology  
 2 = NEXT 12 on the soldering tag  
 3 = NEXT 36 on the soldering tag

Dimensioned drawing

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**Address**

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Fax (717) 944-1625  
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