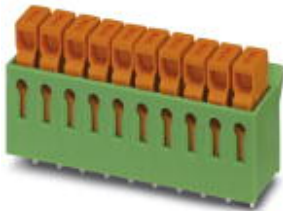


PCB terminal block - IDC 0,3/ 6-3,81 - 1706219

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PCB terminal block, Nominal current: 5 A, Nom. voltage: 160 V, Pitch: 3.81 mm, Number of positions: 6, Connection method: Insulation displacement connection QUICKON, Mounting: Soldering, Conductor/PCB connection direction: 0 °, Color: green

The figure shows a 10-position version of the product

Why buy this product

- The IDC range is suitable for cables with PVC and PE insulation
- Tool-free connection of insulated conductors in a short assembly time
- PCB terminal block with fast insulation displacement connection technology and 3.81 mm pitch
- With a limit frequency of over 100 MHz, the IDC range meets the quality requirements of CAT5 according to EN 50173 and ISO/IEC 11801



Key commercial data

| | |
|------------------------|---|
| Packing unit | 1 |
| Minimum order quantity | 50 |
| Catalog page | Page 146 (CC-2011) |
| GTIN |  4 017918 116712 |
| Custom tariff number | 85369010 |
| Country of origin | POLAND |

Technical data

Dimensions / positions

| | |
|---------------------|------------|
| Length | 10 mm |
| Pitch | 3.81 mm |
| Dimension a | 19.05 mm |
| Number of positions | 6 |
| Pin dimensions | 1 x 0,4 mm |
| Hole diameter | 1.3 mm |

Technical data

| | |
|---------------------------|---------|
| Range of articles | IDC 0,3 |
| Insulating material group | I |

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Technical data

Technical data

| | |
|---|---|
| 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 ² |
| Maximum load current | 5 A (with 0.34 mm ² conductor cross section) |
| Insulating material | PA |
| Inflammability class according 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 ² |
| Conductor cross section solid max. | 0.34 mm ² |
| Conductor cross section stranded min. | 0.22 mm ² |
| Conductor cross section stranded max. | 0.34 mm ² |
| 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 |

Classifications

eClass

| | |
|------------|----------|
| 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 |

etim

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

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Classifications

unspsc

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

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 | 28-22 | 28-22 |
| Nominal current I _N | 5 A | 5 A |
| Nominal voltage U _N | 300 V | 300 V |

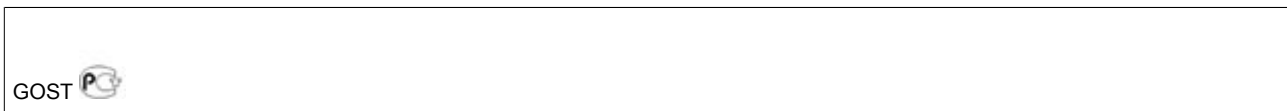
| | | |
|---|-------|-------|
| UL Recognized  | | |
| | B | D |
| mm ² /AWG/kcmil | 28-22 | 28-22 |
| Nominal current I _N | 5 A | 5 A |
| Nominal voltage U _N | 250 V | 300 V |

| | | |
|--|-------|-------|
| cUL Recognized  | | |
| | B | D |
| mm ² /AWG/kcmil | 28-22 | 28-22 |

PCB terminal block - IDC 0,3/ 6-3,81 - 1706219

Approvals

| | B | D |
|--------------------|-------|-------|
| Nominal current IN | 5 A | 5 A |
| Nominal voltage UN | 250 V | 300 V |



Accessories

Accessories

Marking

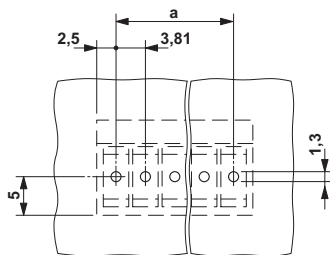
Marker cards - SK 3,81/2,8:FORTL.ZAHLEN - 0804109



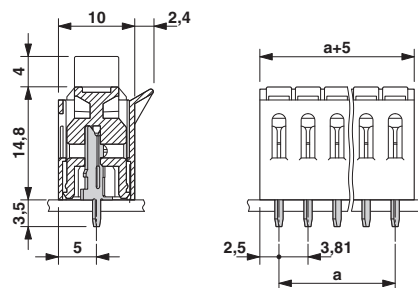
Marker cards, Card, white, Labeled, Horizontal: Consecutive numbers 1 - 10, 11 - 20, etc. up to 91 - (99)100, Mounting type: Adhesive, For terminal block width: 3.81 mm

Drawings

Drilling diagram

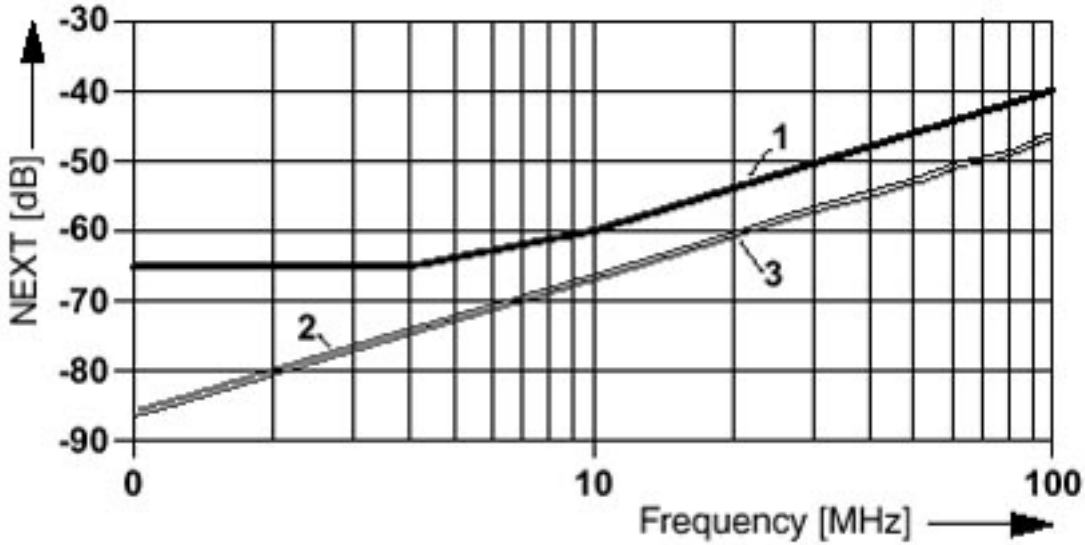


Dimensioned drawing



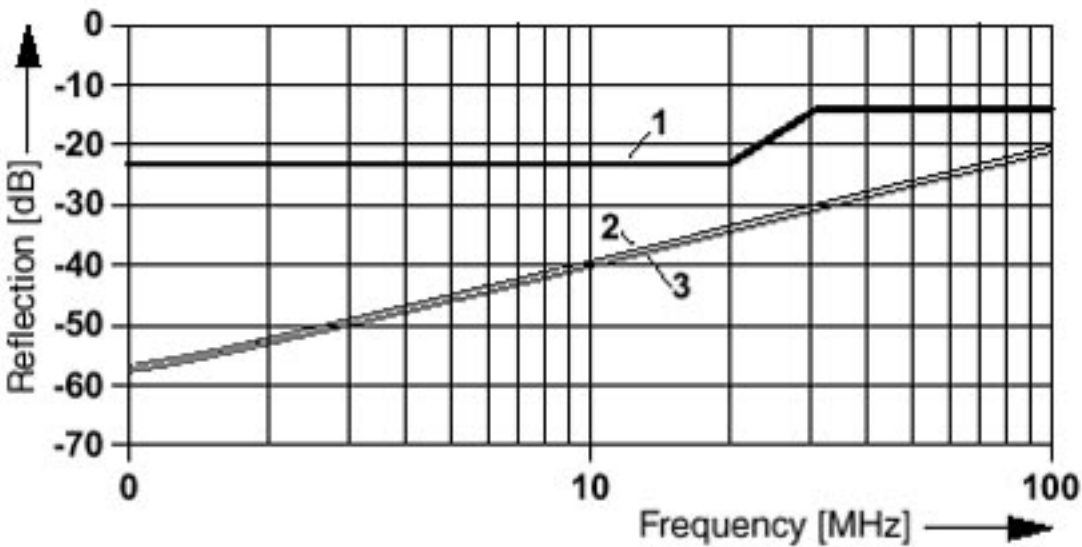
PCB terminal block - IDC 0,3/ 6-3,81 - 1706219

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

Diagram



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