

IDC 0,3/ 8-3,81

Order No.: 1706235

The figure shows a 10-position version of the product

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1706235>

PC terminal block, Nominal current: 5 A, Nom. voltage: 160 V, Pitch: 3.81 mm, Number of positions: 8, Type of connection: Insulation displacement connection QUICKON, Assembly: Soldering, Conductor/PCB connection direction: 0 °, Color: green

Commercial data

EAN	4017918116736
Pack	50 pcs.
Customs tariff	85369010
Weight/Piece	0.00475 KG
Catalog page information	Page 121 (CC-2009)

Product notes

WEEE/RoHS-compliant since:
01/01/2003



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Technical data

Dimensions / positions

Length	10 mm
Pitch	3.81 mm
Dimension a	26.67 mm

Number of positions	8
Pin dimensions	1 x 0,4 mm
Hole diameter	1.3 mm

Technical data

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/2)	160 V
Rated voltage (II/2)	320 V
Connection in acc. with standard	EN-VDE
Nominal current I_N	5 A
Nominal voltage U_N	160 V
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 acc. to UL 94	V0

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

Certificates / Approvals



Certification CSA, CUL, GOST, UL

CSA

Nominal voltage U_N	300 V
Nominal current I_N	5 A
AWG/kcmil	28-22

CUL

Nominal voltage U_N	300 V
Nominal current I_N	5 A
AWG/kcmil	28-22

UL

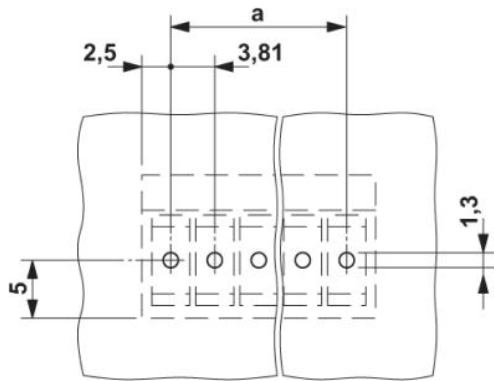
Nominal voltage U_N	300 V
Nominal current I_N	5 A
AWG/kcmil	28-22

Accessories

Item	Designation	Description
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

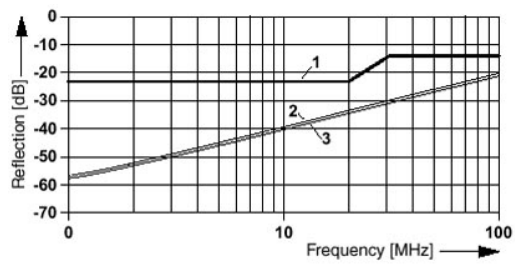
Drilling plan/solder pad geometry



Diagram

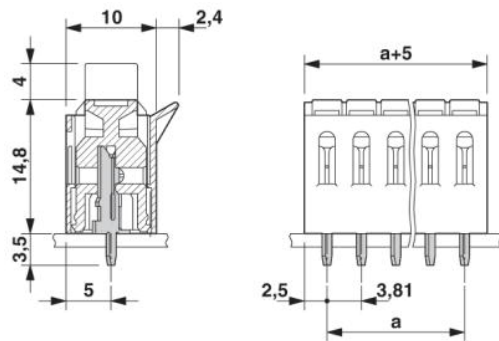


- 1 = Limit values acc. to EN 50173 for connection technology
- 2 = NEXT 12-36 on the soldering tag
- 3 = NEXT 12-36 on the contact terminal block



- 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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