

## FFKDS/H-3,81

Order No.: 1789650

The figure shows a 1-pos. version of the product

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1789650>

PC terminal block, Nominal current: 12 A, Nom. voltage: 160 V, Pitch: 3.81 mm, Number of positions: 1, Type of connection: Spring-cage conn., Assembly: Soldering, Conductor/PCB connection direction: 0 °, Color: green, The article can be aligned to create different nos. of positions!

### Commercial data

EAN	4017918044121
Pack	100 pcs.
Customs tariff	85369010
Weight/Piece	0.00087 KG
Catalog page information	Page 113 (CC-2009)

### 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	13.6 mm
Pitch	3.81 mm
Number of positions	1

Pin dimensions	0,5 x 1 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 $I_N$	12 A
Nominal voltage $U_N$	160 V
Nominal cross section	1 mm <sup>2</sup>
Maximum load current	12 A (with 1 mm <sup>2</sup> conductor cross section)
Insulating material	PA
Inflammability class acc. to UL 94	V0
Stripping length	10 mm

**Connection data**

Conductor cross section solid min.	0.14 mm <sup>2</sup>
Conductor cross section solid max.	1 mm <sup>2</sup>
Conductor cross section stranded min.	0.14 mm <sup>2</sup>
Conductor cross section stranded max.	1 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.	0.34 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.	0.34 mm <sup>2</sup>
Conductor cross section AWG/kcmil min.	26
Conductor cross section AWG/kcmil max	18

## Certificates / Approvals



Certification CCA, CSA, CUL, KEMA, UL

### CSA

Nominal voltage $U_N$	150 V
Nominal current $I_N$	10 A
AWG/kcmil	26-18

### CUL

Nominal voltage $U_N$	300 V
Nominal current $I_N$	6 A
AWG/kcmil	26-16

### UL

Nominal voltage $U_N$	300 V
Nominal current $I_N$	6 A
AWG/kcmil	26-16

## Accessories

Item	Designation	Description
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### 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
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## Additional products

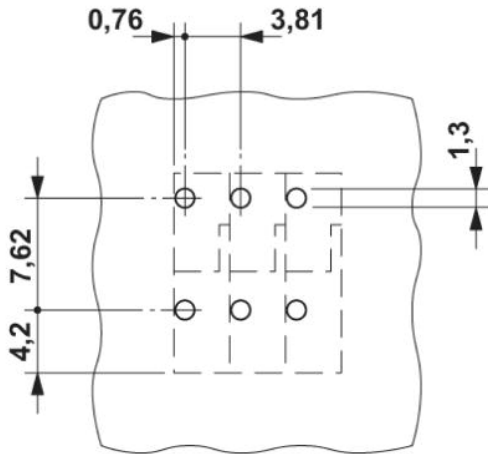
Item	Designation	Description
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### General

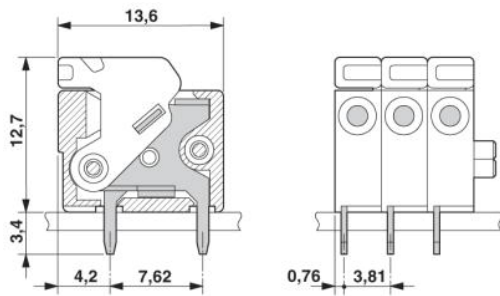
1789634	FFKDSA1/H-6,35	PC terminal block, Nominal current: 12 A, Nom. voltage: 160 V, Pitch: 3.81 mm, Number of positions: 1, Type of connection: Spring-cage conn., Assembly: Soldering, Conductor/PCB connection direction: 0 °, Color: green, The article can be aligned to create different nos. of positions!
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## Diagrams/Drawings

Drilling plan/solder pad geometry



Dimensioned drawing



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