

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>

Printed circuit terminal block, nominal current: 12 A, rated voltage: 160 V, pitch: 3.81 mm, no. of positions: 1, mounting: Soldering, type of connection: Spring-cage connection, connection direction from the conductor to the PCB: 0°

Commercial data

EAN	4017918044121
Pack	100 Pcs.
Customs tariff	85369010
Weight/Piece	0.00087 KG
Catalog page information	Page 93 (CC-2007)

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

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 ²
Maximum load current	12 A (with 1 mm ² 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 ²
Conductor cross section solid max.	1 mm ²
Conductor cross section stranded min.	0.14 mm ²
Conductor cross section stranded max.	1 mm ²
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.25 mm ²
Conductor cross section stranded, with ferrule without plastic sleeve max.	0.34 mm ²
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.25 mm ²
Conductor cross section stranded, with ferrule with plastic sleeve max.	0.34 mm ²
Conductor cross section AWG/kcmil min.	26
Conductor cross section AWG/kcmil max	18

Certificates / Approvals

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
Certification	CCA, CSA, CUL, KEMA, UL

Accessories

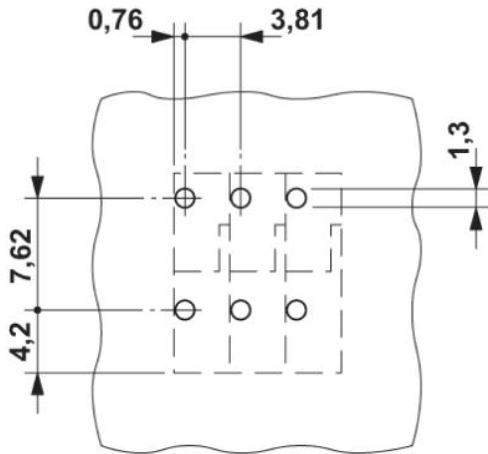
Item	Designation	Description
Marking		
0804109	SK 3,81/2,8:FORTL.ZAHLEN	Marker card, printed horizontally, self-adhesive, 10-section marker strip, 14 identical decades marked 1-10, 11-20 etc. up to 91-(99)100, sufficient for 140 terminal blocks

Additional products

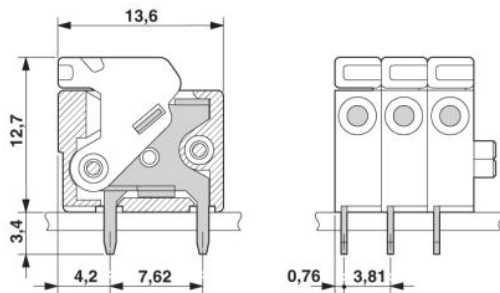
Item	Designation	Description
General		
1789634	FFKDSA1/H-6,35	End terminal block, 6.35 mm wide, necessary at the end of a row of terminal blocks, for horizontal connection

Drawings

Drilling diagram



Dimensioned drawing



Address

PHOENIX CONTACT GmbH & Co. KG
Flachsmarktstr. 8
32825 Blomberg, Germany
Phone +49 5235 3 00
Fax +49 5235 3 41200
<http://www.phoenixcontact.de>



© 2008 Phoenix Contact
Technical modifications reserved;