

**DFK-2,8**

Order No.: 0706016

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=0706016>

Feed-through terminal block, Type of connection: Screw connection,  
Solder/Slip-on connection, Cross-section: 0.2 mm<sup>2</sup> - 4 mm<sup>2</sup>, Width: 6.1  
mm, Color: gray

**Commercial data**

EAN	4017918003678
Pack	50 pcs.
Customs tariff	85369010
Weight/Piece	0.005382 KG
Catalog page information	Page 286 (CL-2002)

**Product notes**

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



[http://  
www.download.phoenixcontact.com](http://www.download.phoenixcontact.com)  
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to the user documentation. The  
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**Technical data****General**

Number of levels	1
Number of connections	2
Color	gray
Insulating material	PA

Inflammability class acc. to UL 94	V2
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**Dimensions**

Width	6.1 mm
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**Technical data**

Rated surge voltage	4 kV
Pollution degree	3
Surge voltage category	III
Insulating material group	I
Connection in acc. with standard	IEC / EN
Nominal current $I_N$	17.5 A
Nominal voltage $U_N$	400 V

**Connection data**

Conductor cross section solid min.	0.2 mm <sup>2</sup>
Conductor cross section solid max.	4 mm <sup>2</sup>
Conductor cross section stranded min.	0.2 mm <sup>2</sup>
Conductor cross section stranded max.	4 mm <sup>2</sup>
Conductor cross section AWG/kcmil min.	24
Conductor cross section AWG/kcmil max	12
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.	4 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.	2.5 mm <sup>2</sup>
2 conductors with same cross section, solid min.	0.2 mm <sup>2</sup>
2 conductors with same cross section, stranded min.	0.2 mm <sup>2</sup>
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	0.25 mm <sup>2</sup>
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	1 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.5 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	2.5 mm <sup>2</sup>

2 conductors with same cross section, solid max.	1 mm <sup>2</sup>
2 conductors with same cross section, stranded max.	1.5 mm <sup>2</sup>
Type of connection	Screw connection
Stripping length	9 mm
Internal cylindrical gage	A3
Screw thread	M3
Tightening torque, min	0.6 Nm
Tightening torque max	0.8 Nm

### Certificates / Approvals



Certification

CSA, CUL, GOST, PRS, UL

#### CSA

Nominal voltage U <sub>N</sub>	300 V
Nominal current I <sub>N</sub>	10 A
AWG/kcmil	22-12

#### CUL

Nominal voltage U <sub>N</sub>	300 V
Nominal current I <sub>N</sub>	15 A
AWG/kcmil	28-12

#### UL

Nominal voltage U <sub>N</sub>	300 V
Nominal current I <sub>N</sub>	15 A
AWG/kcmil	28-12

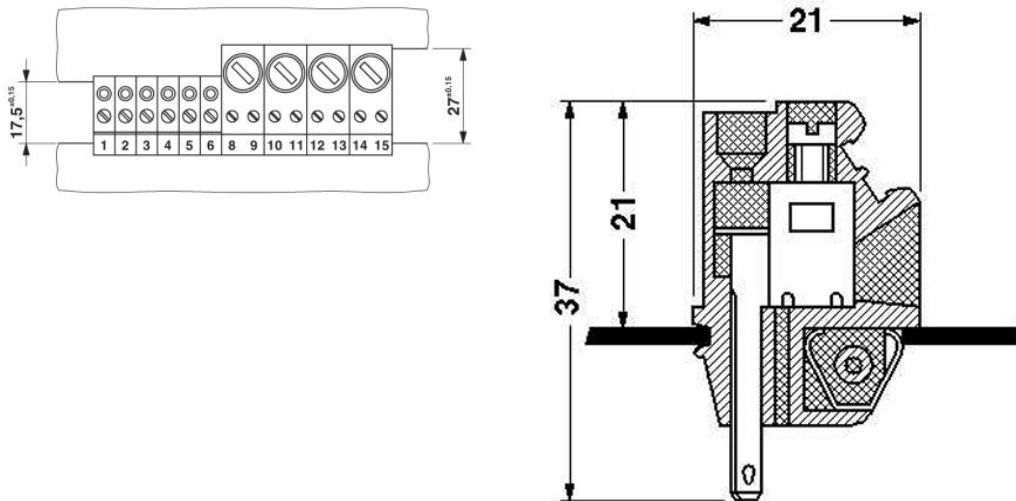
### Accessories

Item	Designation	Description
<b>Bridges</b>		
0201155	EB 2- 6	Cross connector/bridge, Number of positions: 2, Color: gray
0201142	EB 3- 6	Cross connector/bridge, Number of positions: 3, Color: gray

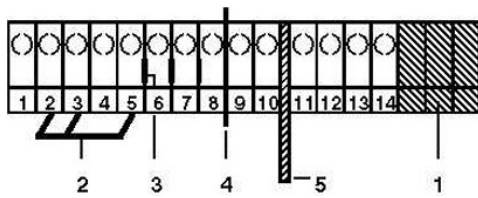
0201139	EB 10- 6	Cross connector/bridge, Number of positions: 10, Color: gray
<b>Marking</b>		
1007222	SBS 6:UNBEDRUCKT	Marker cards for modular terminal blocks, color: white
1050499	ZB 6:SO/CMS	Zack strip, 10-section, divisible, special printing, marking according to customer requirements

**Diagrams/Drawings**

Dimensioned drawing



Circuit diagram



- 1 = blind cover
- 2 = insertion bridge
- 3 = separating plate
- 4 = partition plates
- 5 = separating plate

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