



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China




**MZFK 1,5**

Order No.: 3003758

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=3003758>

Feed-through modular terminal block, Type of connection: Spring-cage connection, Cross section: 0.14 mm<sup>2</sup> - 2.5 mm<sup>2</sup>, AWG 26 - 14, Width: 5.2 mm, Color: gray, Mounting type: NS 15

**Commercial data**

GTIN (EAN)	
sales group	A610
Pack	50 pcs.
Customs tariff	85369010
Catalog page information	Page 142 (CL-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****General**

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

Inflammability class acc. to UL 94	V0
<b>Dimensions</b>	
Width	5.2 mm
Length	40 mm
<b>Technical data</b>	
Maximum load current	24 A (with 2.5 mm <sup>2</sup> conductor connection cross section)
Rated surge voltage	8 kV
Pollution degree	3
Surge voltage category	III
Insulating material group	I
Connection in acc. with standard	IEC 60947-7-1
Nominal current I <sub>N</sub>	24 A
Nominal voltage U <sub>N</sub>	800 V
Open side panel	ja
<b>Connection data</b>	
Conductor cross section solid min.	0.14 mm <sup>2</sup>
Conductor cross section solid max.	2.5 mm <sup>2</sup>
Conductor cross section stranded min.	0.14 mm <sup>2</sup>
Conductor cross section stranded max.	1.5 mm <sup>2</sup>
Conductor cross section AWG/kcmil min.	26
Conductor cross section AWG/kcmil max	14
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.14 mm <sup>2</sup>
Conductor cross section stranded, with ferrule without plastic sleeve max.	1.5 mm <sup>2</sup>
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.14 mm <sup>2</sup>
Conductor cross section stranded, with ferrule with plastic sleeve max.	1.5 mm <sup>2</sup>
Type of connection	Spring-cage connection
Stripping length	9 mm
Internal cylindrical gage	A1

**Certificates / Approvals**

Certification

CUL, UL

**Accessories**

Item	Designation	Description
<b>Assembly</b>		
3024164	D-MZFK 1,5	End cover, Length: 40 mm, Width: 1.1 mm, Color: gray
1401637	E/MBK	End clamp, width: 6.2 mm, color: gray
1401763	NS 15 AL PERF 2000MM	DIN rail, material: Aluminum, perforated, height 5.5 mm, width 15 mm, length: 2 m
1401682	NS 15 PERF 2000MM	DIN rail, material: steel, perforated, height 5.5 mm, width 15 mm, length: 2 m
1401695	NS 15 UNPERF 2000MM	DIN rail, material: Steel, unperforated, height 5.5 mm, width 15 mm, length: 2 m
2770215	TS-KK 3	Separating plate, Length: 16 mm, Height: 14 mm, Color: gray

**Bridges**

3000227	FBRI 2-5 N	Fixed bridge, Number of positions: 2, Color: silver
3000201	FBRI 3-5 N	Fixed bridge, Number of positions: 3, Color: silver
2770642	FBRI 10-5 N	Fixed bridge, Number of positions: 10, Color: silver
3000434	FBRI 12-5 N	Fixed bridge, Number of positions: 12, Color: aluminum
3000476	FBRI 16-5 N	Fixed bridge, Number of positions: 16, Color: aluminum
3000515	FBRI 20-5 N	Fixed bridge, Number of positions: 20, Color: aluminum
3006823	FBRI 40-5 N	Fixed bridge, Number of positions: 40, Color: aluminum
3025066	FBST 2-5	Plug-in bridge, Number of positions: 2, Color: red
3025079	FBST 3-5	Plug-in bridge, Number of positions: 3, Color: red
3025147	FBST 10-5	Plug-in bridge, Number of positions: 10, Color: gray

**Marking**

0803647	ZBFM 5:SO/CMS	Special printing, Zack marker sheet, flat, 120-section, divisible, marking according to customer requirements
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**Plug/Adapter**

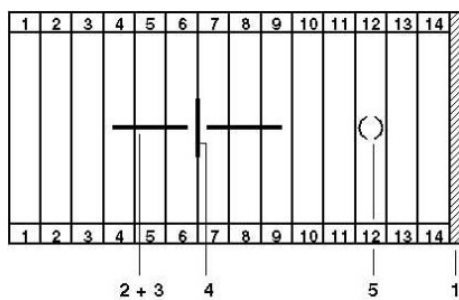
0601292	PSB 3/10/4	Female test connector, Color: silver
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**Tools**

1204517	SZF 1-0,6X3,5	Actuation tool, for ST terminal blocks, also suitable for use as a bladed screwdriver, size: 0.6 x 3.5 x 100 mm, 2-component grip, with non-slip grip
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**Diagrams/Drawings**

Circuit diagram



- 1 = cover
- 2 = fixed bridge
- 3 = plug-in bridge
- 4 = separating plate
- 5 = test plug socket

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**Address**

PHOENIX CONTACT Deutschland GmbH  
Flachmarktstr. 8  
32825 Blomberg, Germany  
Phone +49 5235 3 12000  
Fax +49 5235 3 41200  
<http://www.phoenixcontact.de>



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