

PCB terminal block - MKDS 1/ 4-3,5 PROFINET 2 - 1050488

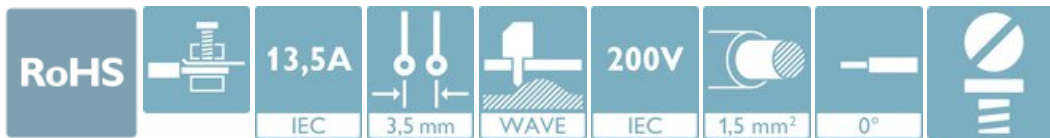
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PCB terminal block, nominal current: 13.5 A, rated voltage (III/2): 200 V, nominal cross section: 1.5 mm², number of potentials: 4, Number of rows: 1, Number of positions per row: 4, product range: MKDS 1 PROFINET, pitch: 3.5 mm, connection method: Screw connection with tension sleeve, screw head form: L Slotted, mounting: Wave soldering, conductor/PCB connection direction: 0 °, color: green, Pin layout: Linear pinning, Solder pin [P]: 3.5 mm, type of packaging: packed in cardboard. PCB terminal block satisfies the requirements of the "Guideline for PROFINET" in the 2017-05 edition, suitable for CAT5

Your advantages

- ✓ Satisfies CAT5 requirements in accordance with EN 50173 and ISO/IEC 11801
- ✓ Well-known connection principle allows worldwide use
- ✓ Low temperature rise, thanks to maximum contact force
- ✓ Allows connection of two conductors
- ✓ Extremely small design for the respective conductor cross section
- ✓ Satisfies CAT5 requirements in accordance with EN 50173 and ISO/IEC 11801
- ✓ Satisfies the requirements of the "Guideline for PROFINET" in the edition dated 05/2017



Key Commercial Data

Packing unit	1 pc
Minimum order quantity	250 pc
GTIN	
GTIN	4055626669304
Custom tariff number	85369010
Country of origin	Germany

Technical data

Dimensions

Length [l]	7.3 mm
Pitch	3.5 mm
Dimension a	10.5 mm

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Technical data

Dimensions

Width [w]	14.5 mm
Installed height	8.5 mm
Height [h]	12 mm
Solder pin [P]	3.5 mm
Hole diameter	1.1 mm

General

Range of articles	MKDS 1 PROFINET
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/3)	160 V
Rated voltage (III/2)	200 V
Rated voltage (II/2)	400 V
Connection in acc. with standard	EN-VDE
Nominal current I_N	13.5 A
Nominal cross section	1.5 mm ²
Insulating material	PA
Solder pin surface	Sn
Flammability rating according to UL 94	V0
Stripping length	5 mm
Number of positions	4
Screw thread	M2
Tightening torque, min	0.22 Nm
Tightening torque max	0.25 Nm

Standards and Regulations

Connection in acc. with standard	EN-VDE
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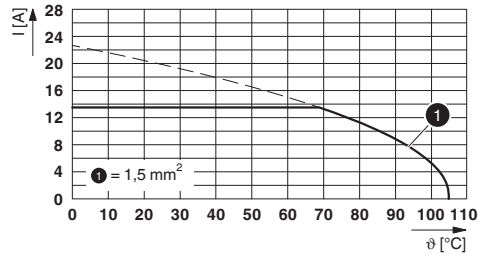
Environmental Product Compliance

China RoHS	Environmentally Friendly Use Period = 50 years
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

Drawings

PCB terminal block - MKDS 1/ 4-3,5 PROFINET 2 - 1050488

Diagram



Type: MKDS 1/...-3,5

Classifications

eCl@ss

eCl@ss 10.0.1	27440401
eCl@ss 11.0	27460101
eCl@ss 5.1	27261100
eCl@ss 6.0	27261100
eCl@ss 7.0	27440401
eCl@ss 9.0	27440401

ETIM

ETIM 6.0	EC002643
ETIM 7.0	EC002643

UNSPSC

UNSPSC 18.0	39121432
UNSPSC 19.0	39121432
UNSPSC 20.0	39121432
UNSPSC 21.0	39121432

Approvals

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IECEE CB Scheme / SEV / EAC / cULus Recognized


Ex Approvals

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Approvals

Approval details

IECEE CB Scheme		http://www.iecee.org/	CH-10787
Nominal voltage UN	160 V		
Nominal current IN	12 A		
mm ² /AWG/kcmil	1.5		

SEV		https://www.eurofins.ch/de/	IK-4497
Nominal voltage UN	160 V		
Nominal current IN	12 A		
mm ² /AWG/kcmil	1.5		

EAC			B.01687
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cULus Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	E60425-19770427
	B	D	
Nominal voltage UN	300 V	300 V	
Nominal current IN	10 A	10 A	
mm ² /AWG/kcmil	30-16	30-16	

Accessories

Accessories

Screwdriver tools

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Accessories

Screwdriver - SZS 0,4X2,5 VDE - 1205037



Screwdriver, slot-headed, VDE insulated, size: 0.4 x 2.5 x 80 mm, 2-component grip, with non-slip grip