

PCB terminal block - MKDS 5/ 2-6,35 BD:S1,S2 - 1735079

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)

PCB terminal block, nominal current: 32 A, nom. voltage: 630 V, pitch: 6.35 mm, number of positions: 2, connection method: Screw connection with tension sleeve, mounting: Wave soldering, conductor/PCB connection direction: 0 °, color: green

Why buy this product

- ✔ Well-known connection principle allows worldwide use
- ✔ Low temperature rise, thanks to maximum contact force
- ✔ Allows connection of two conductors
- ✔ The latching on the side enables various numbers of positions to be combined



Key Commercial Data

Packing unit	1 STK
Minimum order quantity	50 STK
GTIN	 4 046356 173896
GTIN	4046356173896
Weight per Piece (excluding packing)	5.200 g
Custom tariff number	85369010
Country of origin	Germany

Technical data

Dimensions

Length [l]	12.5 mm
Pitch	6.35 mm
Dimension a	6.35 mm
Width [w]	12.7 mm
Constructional height	21.5 mm
Height [h]	26.6 mm
Solder pin [P]	5.1 mm
Pin dimensions	0,9 x 0,9 mm
Hole diameter	1.3 mm

PCB terminal block - MKDS 5/ 2-6,35 BD:S1,S2 - 1735079

Technical data

General

Range of articles	MKDS 5
Rated surge voltage (III/3)	6 kV
Rated surge voltage (III/2)	6 kV
Rated surge voltage (II/2)	6 kV
Rated voltage (III/3)	500 V
Rated voltage (III/2)	630 V
Rated voltage (II/2)	1000 V
Connection in acc. with standard	EN-VDE
Nominal current I_N	32 A
Nominal cross section	4 mm ²
Solder pin surface	Sn
Internal cylindrical gage	A4
Stripping length	8 mm
Number of positions	2
Screw thread	M3
Tightening torque, min	0.5 Nm
Tightening torque max	0.6 Nm

Connection data

Conductor cross section AWG min.	24
Conductor cross section AWG max.	10
2 conductors with same cross section, solid min.	0.2 mm ²
2 conductors with same cross section, solid max.	1.5 mm ²
2 conductors with same cross section, stranded min.	0.2 mm ²
2 conductors with same cross section, stranded max.	1.5 mm ²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	0.25 mm ²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	0.75 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.5 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	2.5 mm ²

Standards and Regulations

Connection in acc. with standard	EN-VDE
	CSA

Environmental Product Compliance

China RoHS	Environmentally Friendly Use Period = 50
------------	--

PCB terminal block - MKDS 5/ 2-6,35 BD:S1,S2 - 1735079

Technical data

Environmental Product Compliance

	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"
--	---

Classifications

eCl@ss

eCl@ss 4.0	27141109
eCl@ss 4.1	27141109
eCl@ss 5.0	27141190
eCl@ss 5.1	27141190
eCl@ss 6.0	27261101
eCl@ss 7.0	27440401
eCl@ss 8.0	27440401
eCl@ss 9.0	27440401

ETIM

ETIM 3.0	EC001121
ETIM 4.0	EC002643
ETIM 5.0	EC002643
ETIM 6.0	EC002643

UNSPSC

UNSPSC 6.01	30211801
UNSPSC 7.0901	39121432
UNSPSC 11	39121432
UNSPSC 12.01	39121432
UNSPSC 13.2	39121432

Approvals

Approvals

Approvals


CSA / SEV / RS / CCA / EAC / cULus Recognized / DNV GL


Ex Approvals

PCB terminal block - MKDS 5/ 2-6,35 BD:S1,S2 - 1735079

Approvals


Approval details


CSA		http://www.csagroup.org/services-industries/product-listing/	13631
	B	D	
mm ² /AWG/kcmil	28-10	28-10	
Nominal current I _N	10 A	10 A	
Nominal voltage U _N	300 V	300 V	

SEV		https://www.electrosuisse.ch/en/meta/shop/product-certificates.html	IK-3248
mm ² /AWG/kcmil	4		
Nominal current I _N	32 A		
Nominal voltage U _N	450 V		

RS		http://www.rs-head.spb.ru/en/index.php	10.04059.250
----	---	---	--------------

CCA	IK-3249		
mm ² /AWG/kcmil	4		
Nominal voltage U _N	450 V		

EAC		B.01742	
-----	---	---------	--

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

PCB terminal block - MKDS 5/ 2-6,35 BD:S1,S2 - 1735079

Approvals

DNV GL	http://exchange.dnv.com/tari/	TAE00001EV
--------	---	------------

Phoenix Contact 2018 © - all rights reserved
<http://www.phoenixcontact.com>