

PCB terminal block - MKDSP 10N/ 2-10,16 NZ557541-2 - 1700523

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: 76 A, nom. voltage: 1000 V, pitch: 10.16 mm, number of positions: 2, connection method: Screw connection with tension sleeve, mounting: Wave soldering, conductor/PCB connection direction: 0 °, color: green

The figure shows a 5-pos. version of the product

Your advantages

- ✓ Well-known connection principle allows worldwide use
- ✓ Low temperature rise, thanks to maximum contact force
- ✓ Allows connection of two conductors
- ✓ Quick and convenient testing using integrated test option
- ✓ The latching on the side enables various numbers of positions to be combined
- ✓ Integrated protective guide prevents incorrect insertion of the conductor underneath the tension sleeve



Key Commercial Data

Packing unit	50 pc
GTIN	
GTIN	4046356490917

Technical data

Dimensions

Length [l]	18.4 mm
Pitch	10.16 mm
Dimension a	10.16 mm
Width [w]	20.32 mm
Height	29.3 mm
Height [h]	34.3 mm
Solder pin [P]	5 mm
Hole diameter	1.5 mm

General

PCB terminal block - MKDSP 10N/ 2-10,16 NZ557541-2 - 1700523

Technical data

General

Range of articles	MKDSP 10N
Rated surge voltage (III/3)	8 kV
Rated surge voltage (III/2)	8 kV
Rated surge voltage (II/2)	6 kV
Rated voltage (III/3)	690 V
Rated voltage (III/2)	1000 V
Rated voltage (II/2)	1000 V
Connection in acc. with standard	EN-VDE
Nominal current I_N	76 A
Nominal cross section	10 mm ²
Internal cylindrical gage	B6
Stripping length	10 mm
Number of positions	2
Screw thread	M4
Tightening torque, min	1.2 Nm
Tightening torque max	1.5 Nm

Connection data

Conductor cross section AWG min.	20
Conductor cross section AWG max.	6
2 conductors with same cross section, solid min.	0.5 mm ²
2 conductors with same cross section, solid max.	4 mm ²
2 conductors with same cross section, stranded min.	0.5 mm ²
2 conductors with same cross section, stranded max.	4 mm ²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	0.5 mm ²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	2.5 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.	6 mm ²

Standards and Regulations

Connection in acc. with standard	EN-VDE
	CUL

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

PCB terminal block - MKDSP 10N/ 2-10,16 NZ557541-2 - 1700523

Approvals

Approvals

Approvals

CCA / IECCEB Scheme / VDE Gutachten mit Fertigungsüberwachung / EAC / cULus Recognized

Ex Approvals

Approval details

CCA		CCA/ DE1 34205	
Nominal voltage UN		1000 V	
Nominal current IN		76 A	
mm²/AWG/kcmil		0.5-16	

IECEE CB Scheme			http://www.iecee.org/	DE1-58858
Nominal voltage UN		1000 V		
Nominal current IN		76 A		
mm²/AWG/kcmil		0.5-16		

VDE Gutachten mit Fertigungsüberwachung		http://www2.vde.com/de/Institut/Online-Service/ VDE-gepruefteProdukte/Seiten/Online-Suche.aspx	40035740
Nominal voltage UN	1000 V		
Nominal current IN	76 A		
mm²/AWG/kcmil	0.5-16		

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

cULus Recognized		 http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm		E60425-19770427	
		D	B	C	
Nominal voltage UN		600 V	300 V	300 V	

PCB terminal block - MKDSP 10N/ 2-10,16 NZ557541-2 - 1700523

Approvals

	D	B	C
Nominal current I _N	5 A	60 A	60 A
mm ² /AWG/kcmil	20-6	20-6	20-6

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

PHOENIX CONTACT GmbH & Co. KG
Flachsmarktstr. 8
32825 Blomberg
Germany
Tel. +49 5235 300
Fax +49 5235 3 41200
<http://www.phoenixcontact.com>

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Phoenix Contact:](#)

[1700523](#)