

MKDSP 10N/ 3-10,16 BD:PE,RB,+ - 1704956

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PCB terminal block, nominal current: 76 A, nom. voltage: 1000 V, pitch: 10.16 mm, number of positions: 3, 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	4046356746267

Technical data

Dimensions

Length [l]	18.4 mm
Pitch	10.16 mm
Dimension a	20.32 mm
Width [w]	30.48 mm
Height	29.3 mm
Height [h]	34.3 mm
Solder pin [P]	5 mm
Hole diameter	1.5 mm

General

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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	3
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"

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Approvals

Approvals

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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	
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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	

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Approvals

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

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