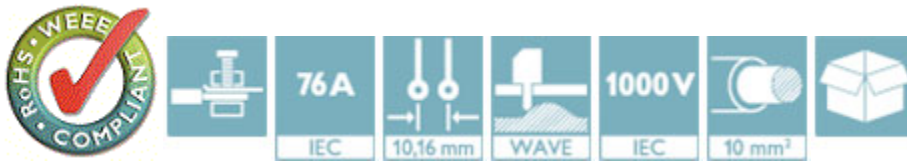


## PCB terminal block - MKDSP 10N/ 3-10,16 (1,3) - 1774140

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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



### Key Commercial Data

Packing unit	1 STK
Minimum order quantity	50 STK
Custom tariff number	85369010
Country of origin	Poland

### Technical data

#### Environmental Product Compliance

China RoHS	Hazardous substances above threshold values;
	Environmentally Friendly Use Period = 50;
	For details go to tab "Downloads", Category "Manufacturer's declaration"

#### Dimensions

Length	18.4 mm
Pitch	10.16 mm
Dimension a	20.32 mm
Height	29.3 mm
Length of the solder pin	5 mm
Pin dimensions	1 x 0,9 mm
Hole diameter	1.5 mm

#### 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)	8 kV
Rated voltage (III/3)	800 V

# PCB terminal block - MKDSP 10N/ 3-10,16 (1,3) - 1774140

## Technical data

### General

Rated voltage (III/2)	1000 V
Rated voltage (II/2)	1000 V
Connection in acc. with standard	EN-VDE
Nominal current I <sub>N</sub>	76 A
Nominal cross section	10 mm <sup>2</sup>
Solder pin surface	Sn
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 <sup>2</sup>
2 conductors with same cross section, solid max.	6 mm <sup>2</sup>
2 conductors with same cross section, stranded min.	0.5 mm <sup>2</sup>
2 conductors with same cross section, stranded max.	6 mm <sup>2</sup>
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	0.5 mm <sup>2</sup>
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	4 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.5 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	6 mm <sup>2</sup>

### Standards and Regulations

Connection in acc. with standard	EN-VDE
	CUL

## Classifications

### eCl@ss

eCl@ss 4.0	27141111
eCl@ss 4.1	27141109
eCl@ss 5.0	27141190
eCl@ss 5.1	27141190

# PCB terminal block - MKDSP 10N/ 3-10,16 (1,3) - 1774140

## Classifications

### eCl@ss

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

### UNSPSC

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

## Approvals


### Approvals

#### Approvals

VDE Gutachten mit Fertigungsüberwachung / CCA / IEC CB Scheme / EAC / EAC / cULus Recognized

#### Ex Approvals


### Approval details

VDE Gutachten mit Fertigungsüberwachung  <a href="http://www.vde.de">http://www.vde.de</a> 40035740	
mm <sup>2</sup> /AWG/kcmil	0.5-16
Nominal current I <sub>N</sub>	76 A
Nominal voltage U <sub>N</sub>	1000 V

## PCB terminal block - MKDSP 10N/ 3-10,16 (1,3) - 1774140

### Approvals

CCA CCA/ DE1 34205	
mm <sup>2</sup> /AWG/kcmil	0.5-16
Nominal current IN	76 A
Nominal voltage UN	1000 V

IECEE CB Scheme  <a href="http://www.iecee.org/">http://www.iecee.org/</a> DE1-50962	
mm <sup>2</sup> /AWG/kcmil	0.5-16
Nominal current IN	76 A
Nominal voltage UN	1000 V

EAC EAC-Zulassung
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EAC B.01742
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cULus Recognized <a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a> E60425-19770427			
	B	C	D
mm <sup>2</sup> /AWG/kcmil	20-6	20-6	20-6
Nominal current IN	60 A	60 A	5 A
Nominal voltage UN	300 V	300 V	600 V