

## PCB terminal block - MKDSP 10N/ 3-10,16 GY H1L - 1774182

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: 3, Connection method: Screw connection, Mounting: Soldering, Conductor/PCB connection direction: 0 °, Color: Gray

### Key commercial data

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

### Technical data

#### Dimensions

Length	18.8 mm
Height	31 mm
Pitch	10.16 mm
Dimension a	20.32 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
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 <sup>2</sup>
Solder pin surface	Sn
Internal cylindrical gage	B6
Stripping length	10 mm
Number of positions	3
Screw thread	M4

# PCB terminal block - MKDSP 10N/ 3-10,16 GY H1L - 1774182

## Technical data

### General

Tightening torque, min	1.2 Nm
Tightening torque max	1.5 Nm

### Connection data

Conductor cross section AWG/kcmil min.	20
Conductor cross section AWG/kcmil 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>
Minimum AWG according to UL/CUL	20
Maximum AWG according to UL/CUL	6

## Classifications

### eCl@ss

eCl@ss 4.0	27141111
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

### ETIM

ETIM 3.0	EC001121
ETIM 4.0	EC002643
ETIM 5.0	EC002643

### UNSPSC

UNSPSC 6.01	30211801
UNSPSC 7.0901	39121432

# PCB terminal block - MKDSP 10N/ 3-10,16 GY H1L - 1774182

## Classifications

### UNSPSC

UNSPSC 11	39121432
UNSPSC 12.01	39121432
UNSPSC 13.2	39121432

## Approvals

### Approvals

#### Approvals

UL Recognized / cUL Recognized / GOST / cULus Recognized

#### Ex Approvals

#### Approvals submitted

## Approval details

UL Recognized			
	B	C	D
mm <sup>2</sup> /AWG/kcmil	20-6	20-6	20-6
Nominal current I <sub>N</sub>	60 A	60 A	5 A
Nominal voltage U <sub>N</sub>	300 V	300 V	600 V

cUL Recognized			
	B	C	D
mm <sup>2</sup> /AWG/kcmil	20-6	20-6	20-6
Nominal current I <sub>N</sub>	60 A	60 A	5 A
Nominal voltage U <sub>N</sub>	300 V	300 V	600 V

GOST			
------	--	--	--

## PCB terminal block - MKDSP 10N/ 3-10,16 GY H1L - 1774182

### Approvals

