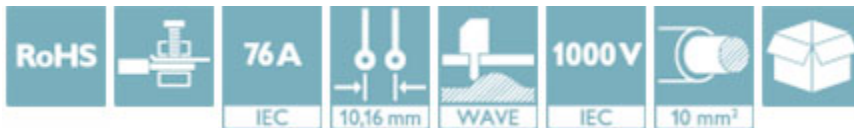


PCB terminal block - MKDSP 10N/ 2-10,16 BK - 1774027

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: black



Key Commercial Data

Packing unit	1 STK
Minimum order quantity	50 STK
GTIN	 4 046356 481472
GTIN	4046356481472
Weight per Piece (excluding packing)	15.780 g
Custom tariff number	85369010
Country of origin	Poland

Technical data

Dimensions

Length	18.4 mm
Pitch	10.16 mm
Dimension a	10.16 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
Insulating material group	I
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/ 2-10,16 BK - 1774027

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_N	76 A
Nominal cross section	10 mm ²
Maximum load current	76 A
Insulating material	PA
Solder pin surface	Sn
Flammability rating according to UL 94	V0
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.	6 mm ²
2 conductors with same cross section, stranded min.	0.5 mm ²
2 conductors with same cross section, stranded max.	6 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.	4 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
Flammability rating according to UL 94	V0

Environmental Product Compliance

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

PCB terminal block - MKDSP 10N/ 2-10,16 BK - 1774027

Technical data

Environmental Product Compliance

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

Approvals


Approvals

Approvals


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

Ex Approvals

Approval details

VDE Gutachten mit Fertigungsüberwachung		http://www.vde.com/en/Institute/OnlineService/VDE-approved-products/Pages/Online-Search.aspx	40035740
mm ² /AWG/kcmil	0.5-16		
Nominal current I _N	76 A		
Nominal voltage U _N	1000 V		

CCA	CCA/ DE1 34205
mm ² /AWG/kcmil	0.5-16
Nominal current I _N	76 A
Nominal voltage U _N	1000 V

IECEE CB Scheme		http://www.iecee.org/	DE1-50962
mm ² /AWG/kcmil	0.5-16		
Nominal current I _N	76 A		
Nominal voltage U _N	1000 V		

PCB terminal block - MKDSP 10N/ 2-10,16 BK - 1774027

Approvals

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

cULus Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	E60425-19770427
------------------	---	---	-----------------

	B	C	D
mm ² /AWG/kcmil	20-6	20-6	20-6
Nominal current I _N	60 A	60 A	5 A
Nominal voltage U _N	300 V	300 V	600 V