

PCB terminal block - MKDS 10 HV/10-ZB-10,16 BK - 1745043

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: 10, Connection method: Screw connection, Mounting: Soldering, Conductor/PCB connection direction: 0 °, Color: black

Key commercial data

Packing unit	1 pc
Weight per Piece (excluding packing)	83.844 GRM
Custom tariff number	85369010
Country of origin	China

Technical data

Dimensions

Length	18.8 mm
Height	31 mm
Pitch	10.16 mm
Dimension a	91.44 mm
Pin dimensions	1 x 0,9 mm
Hole diameter	1.5 mm

General

Range of articles	MKDS 10 HV
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 ²
Solder pin surface	Sn
Internal cylindrical gage	B6
Stripping length	10 mm
Number of positions	10
Screw thread	M4

PCB terminal block - MKDS 10 HV/10-ZB-10,16 BK - 1745043

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 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

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
UNSPSC 11	39121432
UNSPSC 12.01	39121432

PCB terminal block - MKDS 10 HV/10-ZB-10,16 BK - 1745043

Classifications

UNSPSC

UNSPSC 13.2	39121432
-------------	----------

Approvals

Approvals

Approvals

GOST / SEV / CCA / GOST / SEV

Ex Approvals

Approvals submitted

Approval details

GOST

SEV	
mm ² /AWG/kcmil	10
Nominal current IN	76 A
Nominal voltage UN	800 V

CCA

GOST

SEV	
mm ² /AWG/kcmil	16
Nominal current IN	76 A

PCB terminal block - MKDS 10 HV/10-ZB-10,16 BK - 1745043

Approvals

Nominal voltage UN	800 V