

# MKDS 10 HV/ 1-F-10,16 BN - PCB terminal block



1705211

<https://www.phoenixcontact.com/pc/products/1705211>

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 documentation. Our general terms of use for downloads are valid.



PCB terminal block, rated voltage (III/2): 400 V, number of potentials: 1, number of positions per row: 1, product range: MKDS 10 HV, pitch: 10.16 mm, screw head form: L Slotted, color: brown, Pin layout: Linear back pinning, Solder pin [P]: 5 mm, number of solder pins per potential: 2, type of packaging: packed in cardboard

## Commercial data

Item number	1705211
Packing unit	50 pc
Minimum order quantity	50 pc
Note	Made to order (non-returnable)
Product key	AANFFA
GTIN	4046356760256
Weight per piece (including packing)	8.849 g
Weight per piece (excluding packing)	8.58 g
Customs tariff number	85369010
Country of origin	CN

# MKDS 10 HV/ 1-F-10,16 BN - PCB terminal block



1705211

<https://www.phoenixcontact.com/pc/products/1705211>

## Technical data

### Product properties

Product type	Printed circuit board terminal
Product family	MKDS 10 HV
Product line	COMBICON Terminals L
Type	PC terminal block can be aligned
Number of positions	1
Pitch	10.16 mm
Number of connections	1
Number of potentials	1
Pin layout	Linear back pinning
Solder pins per potential	2

### Data management status

Article revision	01
------------------	----

### Connection data

#### Conductor connection

Connection method	Screw connection with tension sleeve
Drive form screw head	Slotted (L)

### Mounting

Pin layout	Linear back pinning
------------	---------------------

### Material specifications

#### Material data - housing

Color (Housing)	brown (8028)
Insulating material	PA
Insulating material group	I
CTI according to IEC 60112	600
Flammability rating according to UL 94	V0
Glow wire flammability index GWFI according to EN 60695-2-12	850
Glow wire ignition temperature GWIT according to EN 60695-2-13	775
Temperature for the ball pressure test according to EN 60695-10-2	125 °C

### Dimensions

Pitch	10.16 mm
Width [w]	10.16 mm
Height [h]	35.8 mm
Length [l]	18.7 mm
Installed height	30.8 mm

# MKDS 10 HV/ 1-F-10,16 BN - PCB terminal block



1705211

<https://www.phoenixcontact.com/pc/products/1705211>

Solder pin length [P]	5 mm
-----------------------	------

## PCB design

Hole diameter	1.5 mm
---------------	--------

## Packaging specifications

Type of packaging	packed in cardboard
-------------------	---------------------

# MKDS 10 HV/ 1-F-10,16 BN - PCB terminal block





1705211

<https://www.phoenixcontact.com/pc/products/1705211>

## Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/pc/products/1705211>

 <b>cULus Recognized</b> Approval ID: E60425-19770427				
	Nominal voltage $U_N$	Nominal current $I_N$	Cross section AWG	Cross section $\text{mm}^2$
Use group B	300 V	60 A	20 - 6	-
Use group C	150 V	60 A	20 - 6	-
Use group D	300 V	10 A	20 - 6	-

 <b>VDE Zeichengenehmigung</b> Approval ID: 40055535				
	Nominal voltage $U_N$	Nominal current $I_N$	Cross section AWG	Cross section $\text{mm}^2$
	1000 V	76 A	-	0.2 - 16

# MKDS 10 HV/ 1-F-10,16 BN - PCB terminal block



1705211

<https://www.phoenixcontact.com/pc/products/1705211>

## Classifications

### ECLASS

ECLASS-11.0	27460101
ECLASS-12.0	27460101
ECLASS-13.0	27460101

### ETIM

ETIM 9.0	EC002643
----------	----------

### UNSPSC

UNSPSC 21.0	39121400
-------------	----------

# MKDS 10 HV/ 1-F-10,16 BN - PCB terminal block



1705211

<https://www.phoenixcontact.com/pc/products/1705211>

## Environmental product compliance

### EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
---	--------------------

### China RoHS

Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits

### EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%
-------------------------------------	----------------------------

Phoenix Contact 2024 © - all rights reserved  
<https://www.phoenixcontact.com>

PHOENIX CONTACT GmbH & Co. KG  
Flachmarktstraße 8  
D-32825 Blomberg  
+49 (0) 5235-3 00  
[info@phoenixcontact.com](mailto:info@phoenixcontact.com)