

# UDMTK 5 - Feed-through terminal block



3048467

<https://www.phoenixcontact.com/sg/products/3048467>

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.



Feed-through terminal block, nom. voltage: 400 V, nominal current: 10 A, 1st and 2nd level, connection method: Screw connection, Rated cross section: 4 mm<sup>2</sup>, cross section: 0.2 mm<sup>2</sup> - 4 mm<sup>2</sup>, 2nd level, connection method: Screw connection, Rated cross section: 4 mm<sup>2</sup>, cross section: 0.2 mm<sup>2</sup> - 4 mm<sup>2</sup>, mounting: NS 35/7,5, NS 35/15, NS 32, color: gray

## Commercial data

Item number	3048467
Packing unit	50 pc
Minimum order quantity	50 pc
Sales key	0121*
Product key	BE1231
GTIN	4046356056021
Weight per piece (including packing)	29.54 g
Weight per piece (excluding packing)	29.54 g
Customs tariff number	85369010
Country of origin	TR

# UDMTK 5 - Feed-through terminal block



3048467

<https://www.phoenixcontact.com/sg/products/3048467>

## Technical data

### Product properties

Product type	Disconnect terminal block
Number of connections	4
Number of rows	2
Potentials	1

### Data management status

Article revision	06
------------------	----

### Insulation characteristics

Overvoltage category	III
Degree of pollution	3

### Electrical properties

Rated surge voltage	4 kV
Maximum power dissipation for nominal condition	1.02 W

### Connection data

Number of connections per level	2
Nominal cross section	4 mm <sup>2</sup>

### 1st and 2nd level

Screw thread	M3
Tightening torque	0.6 ... 0.8 Nm
Stripping length	8 mm
Internal cylindrical gage	A4
Connection in acc. with standard	IEC 60947-7-1
Conductor cross section rigid	0.2 mm <sup>2</sup> ... 4 mm <sup>2</sup>
Cross section AWG	24 ... 12 (converted acc. to IEC)
Conductor cross section flexible	0.2 mm <sup>2</sup> ... 4 mm <sup>2</sup>
Conductor cross section, flexible [AWG]	24 ... 12 (converted acc. to IEC)
Conductor cross-section flexible (ferrule without plastic sleeve)	0.25 mm <sup>2</sup> ... 4 mm <sup>2</sup>
Flexible conductor cross section (ferrule with plastic sleeve)	0.25 mm <sup>2</sup> ... 2.5 mm <sup>2</sup>
2 conductors with same cross section, solid	0.2 mm <sup>2</sup> ... 1.5 mm <sup>2</sup>
2 conductors with same cross section, flexible	0.2 mm <sup>2</sup> ... 1.5 mm <sup>2</sup>
2 conductors with same cross section, flexible, with ferrule without plastic sleeve	0.25 mm <sup>2</sup> ... 1.5 mm <sup>2</sup>
2 conductors with the same cross section, flexible, with TWIN ferrule with plastic sleeve	0.5 mm <sup>2</sup> ... 2.5 mm <sup>2</sup>
Nominal current	10 A
Maximum load current	10 A (with 4 mm <sup>2</sup> conductor cross section)
Nominal voltage	400 V
Nominal cross section	4 mm <sup>2</sup>

# UDMTK 5 - Feed-through terminal block



3048467

<https://www.phoenixcontact.com/sg/products/3048467>

## 2nd level

Screw thread	M3
Connection in acc. with standard	IEC 60947-7-1
Conductor cross section rigid	0.2 mm <sup>2</sup> ... 4 mm <sup>2</sup>
Cross section AWG	24 ... 12 (converted acc. to IEC)
Conductor cross section flexible	0.2 mm <sup>2</sup> ... 4 mm <sup>2</sup>
Conductor cross-section flexible (ferrule without plastic sleeve)	0.25 mm <sup>2</sup> ... 4 mm <sup>2</sup>
Flexible conductor cross section (ferrule with plastic sleeve)	0.25 mm <sup>2</sup> ... 2.5 mm <sup>2</sup>
2 conductors with same cross section, solid	0.2 mm <sup>2</sup> ... 1.5 mm <sup>2</sup>
2 conductors with same cross section, flexible	0.2 mm <sup>2</sup> ... 1.5 mm <sup>2</sup>
2 conductors with same cross section, flexible, with ferrule without plastic sleeve	0.25 mm <sup>2</sup> ... 1.5 mm <sup>2</sup>
2 conductors with the same cross section, flexible, with TWIN ferrule with plastic sleeve	0.5 mm <sup>2</sup> ... 2.5 mm <sup>2</sup>
Nominal current	8 A (with 4 mm <sup>2</sup> conductor cross section)
Maximum load current	10 A (in case of a 4 mm <sup>2</sup> conductor cross section, the maximum load current must not be exceeded by the total current of all connected conductors.)
Nominal voltage	400 V
Nominal cross section	4 mm <sup>2</sup>

## Dimensions

Width	6.2 mm
Height	93 mm
Depth on NS 32	73.5 mm
Depth on NS 35/7,5	68.5 mm
Depth on NS 35/15	76 mm

## Material specifications

Color	gray (RAL 7042)
Flammability rating according to UL 94	V2
Insulating material group	I
Insulating material	PA

## Mechanical properties

### Mechanical data

Open side panel	No
-----------------	----

## Environmental and real-life conditions

### Ambient conditions

Ambient temperature (operation)	-60 °C ... 110 °C (Operating temperature range incl. self-heating; for max. short-term operating temperature, see RTI Elec.)
Ambient temperature (storage/transport)	-25 °C ... 60 °C (for a short time, not exceeding 24 h, -60 °C to +70 °C)
Ambient temperature (assembly)	-5 °C ... 70 °C

# UDMTK 5 - Feed-through terminal block



3048467

<https://www.phoenixcontact.com/sg/products/3048467>

Ambient temperature (actuation)	-5 °C ... 70 °C
Permissible humidity (operation)	20 % ... 90 %
Permissible humidity (storage/transport)	30 % ... 70 %

## Standards and regulations

Connection in acc. with standard	IEC 60947-7-1
	IEC 60947-7-1

## Mounting

Mounting type	NS 35/7,5
	NS 35/15
	NS 32

# UDMTK 5 - Feed-through terminal block

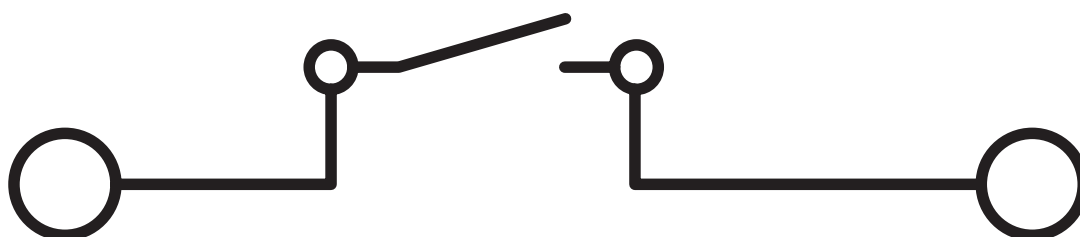
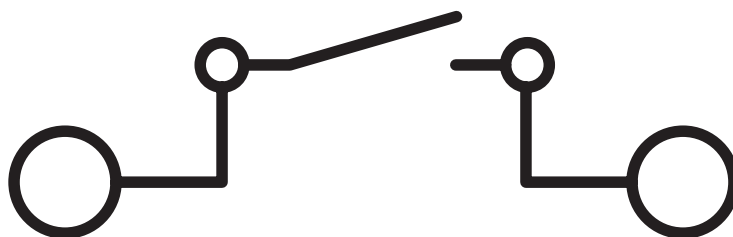


3048467

<https://www.phoenixcontact.com/sg/products/3048467>

## Drawings

Circuit diagram



# UDMTK 5 - Feed-through terminal block





3048467

<https://www.phoenixcontact.com/sg/products/3048467>

## Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/sg/products/3048467>

 <b>CSA</b> Approval ID: 13631	Nominal voltage $U_N$	Nominal current $I_N$	Cross section AWG	Cross section $\text{mm}^2$
	300 V	15 A	28 - 12	-

 <b>EAC</b> Approval ID: RU C-DE.BL08.B.00534
---

# UDMTK 5 - Feed-through terminal block



3048467

<https://www.phoenixcontact.com/sg/products/3048467>

## Classifications

### ECLASS

ECLASS-11.0	27141120
ECLASS-13.0	27250108

### ETIM

ETIM 9.0	EC000902
----------	----------

### UNSPSC

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

# UDMTK 5 - Feed-through terminal block



3048467

<https://www.phoenixcontact.com/sg/products/3048467>

## Environmental product compliance

### EU RoHS

Fulfills EU RoHS substance requirements	Yes
Exemption	6(c)

### China RoHS

Environment friendly use period (EFUP)	EFUP-50
	An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.

### EU REACH SVHC

REACH candidate substance (CAS No.)	Lead(CAS: 7439-92-1)
SCIP	9878640d-e4e9-43e4-8b92-d48588d54d68

Phoenix Contact 2024 © - all rights reserved

<https://www.phoenixcontact.com>

PHOENIX CONTACT SEA Pte. Ltd.

105 Eunos Avenue 3, #04-00

Singapore 409836

+65 6228 4900

[marketing@phoenixcontact.com.sg](mailto:marketing@phoenixcontact.com.sg)