

# Feed-through terminal block - UT 6/1P BU



3060542

<https://www.phoenixcontact.com/de/produkte/3060542>

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, Current and voltage are determined by the plug used., nom. voltage: 1000 V, nominal current: 41 A, connection method: Screw/plug-in connection, Rated cross section: 6 mm<sup>2</sup>, cross section: 0.2 mm<sup>2</sup> - 10 mm<sup>2</sup>, mounting type: NS 35/7,5, NS 35/15, color: blue

## Commercial Data

Item number	3060542
Packing unit	50 pc
Minimum order quantity	1 pc
Sales Key	A1 - Reihenklemmen
Product Key	BE1141
Catalog Page	Page 355 (C-1-2019)
GTIN	4046356599542
Weight per Piece (including packing)	13,168 g
Weight per Piece (excluding packing)	13 g
Customs tariff number	85369010
Country of origin	CN

# Feed-through terminal block - UT 6/1P BU



3060542

<https://www.phoenixcontact.com/de/produkte/3060542>

## Technical Data

### Notes

General	Current and voltage are determined by the plug used.
---------	--

### Product properties

Product type	Plug-in terminal block
Number of connections	2
Number of rows	1
Potentials	1

### Insulation characteristics

Overvoltage category	III
Degree of pollution	3

### Electrical properties

Rated surge voltage	8 kV
Maximum power dissipation for nominal condition	1.31 W

### Connection data

Number of connections per level	2
Nominal cross section	6 mm <sup>2</sup>
Rated cross section AWG	8

### Level 1 above 1 below 1

Screw thread	M4
Tightening torque	1.5 ... 1.8 Nm
Stripping length	10 mm
Internal cylindrical gage	A5
Connection in acc. with standard	IEC 61984
Conductor cross section solid	0.2 mm <sup>2</sup> ... 10 mm <sup>2</sup>
Cross section AWG	24 ... 8 (converted acc. to IEC)
Conductor cross section flexible	0.2 mm <sup>2</sup> ... 10 mm <sup>2</sup>
Conductor cross section, flexible [AWG]	24 ... 8 (converted acc. to IEC)
Flexible conductor cross section flexible (ferrule, w/o plastic sleeve)	0.25 mm <sup>2</sup> ... 6 mm <sup>2</sup>
Flexible conductor cross section (ferrule with plastic sleeve)	0.25 mm <sup>2</sup> ... 6 mm <sup>2</sup>
2 conductors with same cross section, solid	0.2 mm <sup>2</sup> ... 2.5 mm <sup>2</sup>
2 conductors with same cross section, flexible	0.2 mm <sup>2</sup> ... 2.5 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> ... 4 mm <sup>2</sup>
Nominal current	41 A
Maximum load current	41 A (with 10 mm <sup>2</sup> conductor cross section)

# Feed-through terminal block - UT 6/1P BU



3060542

<https://www.phoenixcontact.com/de/produkte/3060542>

Nominal voltage	1000 V
Nominal cross section	6 mm <sup>2</sup>

## Dimensions

Width	8.2 mm
End cover width	2.2 mm
Height NS 35/15	55 mm
Height NS 35/7,5	47.5 mm
Length	49.1 mm

## Material specifications

Color	blue
Flammability rating according to UL 94	V0
Insulating material group	I
Insulating material	PA

## Mechanical properties

### Mechanical data

Open side panel	Yes
-----------------	-----

## Standards and regulations

Connection in acc. with standard	IEC 61984
----------------------------------	-----------

## Mounting

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

# Feed-through terminal block - UT 6/1P BU

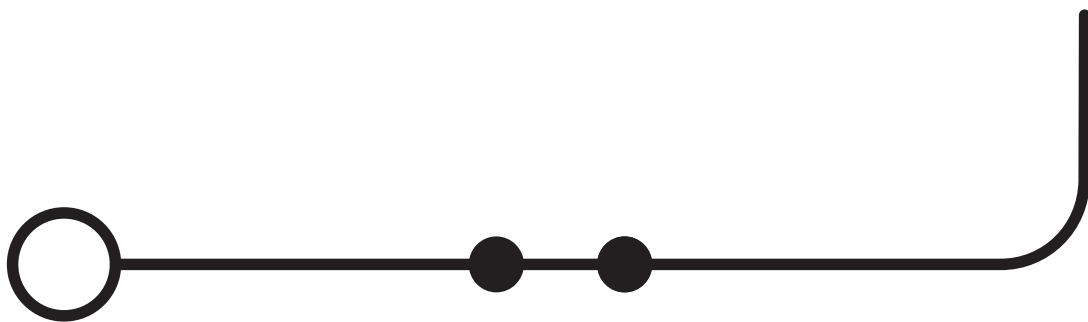
3060542

<https://www.phoenixcontact.com/de/produkte/3060542>



## Drawings

### Circuit diagram




# Feed-through terminal block - UT 6/1P BU




3060542


<https://www.phoenixcontact.com/de/produkte/3060542>

## Approvals

 <b>CSA</b> Approval ID: 13631				
	Nominal Voltage $U_N$	Nominal Current $I_N$	Cross Section AWG	Cross Section $mm^2$
Use group B	600 V	50 A	24 - 8	-
Use group C	600 V	50 A	24 - 8	-

 <b>IECEE CB Scheme</b> Approval ID: DE1-62748				
	Nominal Voltage $U_N$	Nominal Current $I_N$	Cross Section AWG	Cross Section $mm^2$
	1000 V	41 A	-	0.2 - 10

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

 <b>cULus Recognized</b> Approval ID: E60425				
	Nominal Voltage $U_N$	Nominal Current $I_N$	Cross Section AWG	Cross Section $mm^2$
Use group B	600 V	40 A	24 - 8	-
Use group C	600 V	40 A	24 - 8	-

 <b>VDE report with production monitoring</b> Approval ID: 40034876				
	Nominal Voltage $U_N$	Nominal Current $I_N$	Cross Section AWG	Cross Section $mm^2$
	1000 V	41 A	-	0.2 - 10

# Feed-through terminal block - UT 6/1P BU



3060542

<https://www.phoenixcontact.com/de/produkte/3060542>

## Classifications

### ECLASS

ECLASS-9.0	27141120
ECLASS-10.0.1	27141120
ECLASS-11.0	27141120

### ETIM

ETIM 8.0	EC000897
----------	----------

### UNSPSC

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

# Feed-through terminal block - UT 6/1P BU



3060542

<https://www.phoenixcontact.com/de/produkte/3060542>

## Environmental Product Compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

Phoenix Contact 2023 © - all rights reserved  
<https://www.phoenixcontact.com>

PHOENIX CONTACT Deutschland GmbH  
Flachmarktstraße 8  
D-32825 Blomberg  
+49 52 35/3-1 20 00  
[info@phoenixcontact.de](mailto:info@phoenixcontact.de)