

# Feed-through terminal block - UT 2,5 RD - 3045062

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Feed-through terminal block, Connection method: Screw connection, Cross section: 0.14 mm<sup>2</sup> - 4 mm<sup>2</sup>, AWG: 26 - 12, Width: 5.2 mm, Color: red, Mounting type: NS 35/7,5, NS 35/15

The illustration shows the color version

## Product Features

- The large wiring space enables the connection of solid and stranded conductors without ferrules, even above the nominal cross section
- As well as saving space, the compact design enables user-friendly wiring in a small amount of space
- The multi-conductor connection offers maximum flexibility and wiring density
- Optimum screwdriver guidance through closed screw shafts
- The cable entry funnel enables the use of conductors with ferrules and plastic collars within the nominal cross section



## Key commercial data

package_quantity	50
GTIN	4017918975401

## Technical data

### General

Number of levels	1
Number of connections	2
Color	red
Insulating material	PA
Inflammability class according to UL 94	V0

### General

Maximum load current	32 A (with 4 mm <sup>2</sup> conductor cross section)
Rated surge voltage	8 kV
Pollution degree	3
Surge voltage category	III
Insulating material group	I
Connection in acc. with standard	IEC 60947-7-1
Nominal current I <sub>N</sub>	24 A

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## Technical data

### General

Nominal voltage $U_N$	1000 V
Open side panel	ja

### Dimensions

Width	5.2 mm
Length	47.7 mm
Height NS 35/7,5	47.5 mm
Height NS 35/15	55 mm

### Connection data

Note	Note: Product releases, connection cross sections and notes on connecting aluminum cables can be found in the download area.
Conductor cross section solid min.	0.14 mm <sup>2</sup>
Conductor cross section solid max.	4 mm <sup>2</sup>
Conductor cross section AWG/kcmil min.	26
Conductor cross section AWG/kcmil max	12
Conductor cross section stranded min.	0.14 mm <sup>2</sup>
Conductor cross section stranded max.	4 mm <sup>2</sup>
Min. AWG conductor cross section, stranded	26
Max. AWG conductor cross section, stranded	12
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.14 mm <sup>2</sup>
Conductor cross section stranded, with ferrule without plastic sleeve max.	2.5 mm <sup>2</sup>
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.14 mm <sup>2</sup>
Conductor cross section stranded, with ferrule with plastic sleeve max.	2.5 mm <sup>2</sup>
2 conductors with same cross section, solid min.	0.14 mm <sup>2</sup>
2 conductors with same cross section, solid max.	1.5 mm <sup>2</sup>
2 conductors with same cross section, stranded min.	0.14 mm <sup>2</sup>
2 conductors with same cross section, stranded max.	1.5 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.5 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	1.5 mm <sup>2</sup>
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	0.14 mm <sup>2</sup>
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	1.5 mm <sup>2</sup>
Connection method	Screw connection
Stripping length	9 mm
Internal cylindrical gage	A3
Screw thread	M3
Tightening torque, min	0.5 Nm

# Feed-through terminal block - UT 2,5 RD - 3045062

## Technical data

### Connection data

<b>Tightening torque max</b>	0.6 Nm
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## classifications

### eCl@ss

<b>eCl@ss 4.0</b>	27141120
<b>eCl@ss 4.1</b>	27141120
<b>eCl@ss 5.0</b>	27141120
<b>eCl@ss 5.1</b>	27141120
<b>eCl@ss 6.0</b>	27141120
<b>eCl@ss 7.0</b>	27141120
<b>eCl@ss 8.0</b>	27141120

### ETIM

<b>ETIM 2.0</b>	EC000897
<b>ETIM 3.0</b>	EC000897
<b>ETIM 4.0</b>	EC000897
<b>ETIM 5.0</b>	EC000897

### UNSPSC

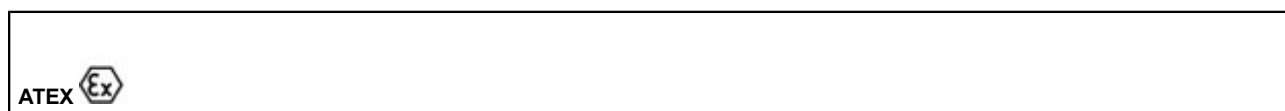
<b>UNSPSC 6.01</b>	30211811
<b>UNSPSC 7.0901</b>	39121410
<b>UNSPSC 11</b>	39121410
<b>UNSPSC 12.01</b>	39121410
<b>UNSPSC 13.2</b>	39121410

## approvals

IECEX / ATEX / CSA / UL Recognized / VDE Gutachten mit Fertigungsüberwachung / cUL Recognized / DNV / IECB Scheme / cULus Recognized /

### Approval details

<b>IECEX</b>	
Nominal voltage UN	690 V
Nominal current IN	22 A
mm <sup>2</sup> /AWG/kcmil	0.14-2.5



# Feed-through terminal block - UT 2,5 RD - 3045062

## approvals

Nominal voltage UN	690 V
Nominal current IN	28 A
mm <sup>2</sup> /AWG/kcmil	0.14-4

**CSA**

Usegroups	B	C
Nominal voltage UN	600 V	600 V
Nominal current IN	20 A	20 A
mm <sup>2</sup> /AWG/kcmil	26-12	26-12

**UL Recognized**

Usegroups	B	C
Nominal voltage UN	600 V	600 V
Nominal current IN	20 A	20 A
mm <sup>2</sup> /AWG/kcmil	26-12	26-12

**VDE Gutachten mit Fertigungsüberwachung**

Nominal voltage UN	800 V
Nominal current IN	
mm <sup>2</sup> /AWG/kcmil	0.2-2.5

**cUL Recognized**

Usegroups	B	C
Nominal voltage UN	600 V	600 V
Nominal current IN	20 A	20 A
mm <sup>2</sup> /AWG/kcmil	26-12	26-12

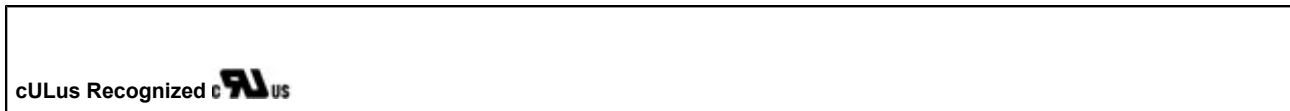
**DNV**

**IECEE CB Scheme**

## Feed-through terminal block - UT 2,5 RD - 3045062

### approvals

Nominal voltage UN	800 V
Nominal current IN	
mm <sup>2</sup> /AWG/kcmil	0.2-2.5



### accessories

#### End cover

D-UT 2,5/10 - 3047028



DP PS-5 - 3036725



#### Partition plate

ATP-UT - 3047167



#### Screwdriver tools

SZS 0,6X3,5 - 1205053



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accessories

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## Marker pen

X-PEN 0,35 - 0811228



## Bridge

FBS 2-5 - 3030161



FBS 3-5 - 3030174



FBS 4-5 - 3030187



FBS 5-5 - 3030190



## Feed-through terminal block - UT 2,5 RD - 3045062

accessories

FBS 10-5 - 3030213



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FBS 20-5 - 3030226



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FBS 50-5 - 3038930



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### Mounting rail

NS 35/ 7,5 PERF 2000MM - 0801733



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NS 35/ 7,5 UNPERF 2000MM - 0801681



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### accessories

NS 35/ 7,5 WH PERF 2000MM - 1204119



NS 35/ 7,5 WH UNPERF 2000MM - 1204122



NS 35/ 7,5 AL UNPERF 2000MM - 0801704



NS 35/ 7,5 ZN PERF 2000MM - 1206421



NS 35/ 7,5 ZN UNPERF 2000MM - 1206434



NS 35/ 7,5 CU UNPERF 2000MM - 0801762





## Feed-through terminal block - UT 2,5 RD - 3045062

accessories

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NS 35/ 7,5 CAP - 1206560



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NS 35/15 PERF 2000MM - 1201730



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NS 35/15 UNPERF 2000MM - 1201714



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NS 35/15 WH PERF 2000MM - 0806602



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NS 35/15 WH UNPERF 2000MM - 1204135



## Feed-through terminal block - UT 2,5 RD - 3045062

### accessories

NS 35/15 AL UNPERF 2000MM - 1201756



NS 35/15 ZN PERF 2000MM - 1206599



NS 35/15 ZN UNPERF 2000MM - 1206586



NS 35/15 CU UNPERF 2000MM - 1201895



NS 35/15 CAP - 1206573



NS 35/15-2,3 UNPERF 2000MM - 1201798



# Feed-through terminal block - UT 2,5 RD - 3045062

accessories

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## Terminal marking

ZB 5 :UNBEDRUCKT - 1050004



UC-TM 5 - 0818108



UCT-TM 5 - 0828734



## Labeled terminal marker

ZB 5 CUS - 0824962



UC-TM 5 CUS - 0824581



## Feed-through terminal block - UT 2,5 RD - 3045062

accessories

UCT-TM 5 CUS - 0829595



### Test plug terminal block

MPS-MT - 0201744



PAI-4-FIX-5/6 BU - 3035975



PAI-4-FIX-5/6 OG - 3035974



PAI-4-FIX-5/6 YE - 3035977



## Feed-through terminal block - UT 2,5 RD - 3045062

### accessories

PAI-4-FIX-5/6 RD - 3035976



PAI-4-FIX-5/6 GN - 3035978



PAI-4-FIX-5/6 BK - 3035980



PAI-4-FIX-5/6 GY - 3035982



PAI-4-FIX-5/6 VT - 3035979



PAI-4-FIX-5/6 BN - 3035981



# Feed-through terminal block - UT 2,5 RD - 3045062

accessories

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PS-5 - 3030983



PS-5/2,3MM RD - 3038723



## Insulating sleeve

MPS-IH WH - 0201663



MPS-IH RD - 0201676



MPS-IH BU - 0201689



## Feed-through terminal block - UT 2,5 RD - 3045062

### accessories

MPS-IH YE - 0201692



MPS-IH GN - 0201702



MPS-IH GY - 0201728



MPS-IH BK - 0201731



### End block

CLIPFIX 35 - 3022218



# Feed-through terminal block - UT 2,5 RD - 3045062

accessories

CLIPFIX 35-5 - 3022276



E/NS 35 N - 0800886



## Drawings

Circuit diagram



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