

# Feed-through terminal block - UT 4/ 1P - 3045583

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Feed-through terminal block, Connection method: Screw/plug-in connection, Cross section: 0.14 mm<sup>2</sup> - 6 mm<sup>2</sup>, AWG: 26 - 10, Width: 6.2 mm, Color: gray, Mounting type: NS 35/7,5, NS 35/15

## Product Features

- Compatible with standard UT terminal blocks
- Terminal blocks that can be connected on both sides available
- Uniform, touch-proof plug-in zone

## Key commercial data

package_quantity	50
GTIN	4046356083096

## Technical data

### General

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

### General

Maximum load current	32 A (with 6 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 61984
Nominal current I <sub>N</sub>	32 A
Nominal voltage U <sub>N</sub>	800 V
Open side panel	ja
Insertion/withdrawal cycles mechanical	100
Checking the mechanical stability of terminal points (5 x conductor connection)	Test passed
Bending test rotation speed	10 rpm
Bending test turns	135

# Feed-through terminal block - UT 4/ 1P - 3045583

## Technical data

### General

Bending test conductor cross section/weight	0.14 mm <sup>2</sup> / 0.3 kg
Bending test conductor cross section/weight	4 mm <sup>2</sup> / 0.9 kg
Bending test conductor cross section/weight	6 mm <sup>2</sup> / 1.4 kg
Result of bending test	Test passed
Conductor cross section tensile test	0.14 mm <sup>2</sup>
Tractive force setpoint	10 N
Conductor cross section tensile test	4 mm <sup>2</sup>
Tractive force setpoint	60 N
Conductor cross section tensile test	6 mm <sup>2</sup>
Tractive force setpoint	80 N
Tensile test result	Test passed
Tight fit on carrier	NS 35
Setpoint	1 N
Result of tight fit test	Test passed
Conductor cross section short circuit testing	4 mm <sup>2</sup>
Short-time current	0.48 kA
Conductor cross section short circuit testing	6 mm <sup>2</sup>
Short-time current	0.72 kA
Short circuit stability result	Test passed
Proof of thermal characteristics (needle flame) effective duration	30 s
Result of thermal test	Test passed
Test specification, oscillation, broadband noise	DIN EN 50155 (VDE 0115-200):2008-03
Test spectrum	Service life test category 1, class B, body mounted
Test frequency	f <sub>1</sub> = 5 Hz to f <sub>2</sub> = 150 Hz
ASD level	0.02 g <sup>2</sup> /Hz
Acceleration	0.8 g
Test duration per axis	5 h
Test directions	X-, Y- and Z-axis
Oscillation, broadband noise test result	Test passed
Test specification, shock test	DIN EN 50155 (VDE 0115-200):2008-03
Shock form	Half-sine
Acceleration	5 g
Shock duration	30 ms
Number of shocks per direction	3
Test directions	X-, Y- and Z-axis (pos. and neg.)
Shock test result	Test passed
Temperature index, insulating material (DIN EN 60216-1 (VDE 0304-21))	120 °C

### Dimensions

Width	6.2 mm
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# Feed-through terminal block - UT 4/ 1P - 3045583

## Technical data

### Dimensions

Length	47.6 mm
Height NS 35/7,5	47.5 mm
Height NS 35/15	55 mm

### Connection data

Connection in acc. with standard	IEC 61984
Connection method	Screw/plug-in connection
Conductor cross section solid min.	0.14 mm <sup>2</sup>
Conductor cross section solid max.	6 mm <sup>2</sup>
Conductor cross section AWG/kcmil min.	26
Conductor cross section AWG/kcmil max	10
Conductor cross section stranded min.	0.14 mm <sup>2</sup>
Conductor cross section stranded max.	6 mm <sup>2</sup>
Min. AWG conductor cross section, stranded	26
Max. AWG conductor cross section, stranded	10
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.	4 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.	4 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.	2.5 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>
Stripping length	9 mm
Internal cylindrical gage	A4
Screw thread	M3
Tightening torque, min	0.6 Nm
Tightening torque max	0.8 Nm

## classifications

eCl@ss

eCl@ss 4.0	27141117
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# Feed-through terminal block - UT 4/ 1P - 3045583

## classifications

### eCl@ss

eCl@ss 4.1	27141117
eCl@ss 5.0	27141120
eCl@ss 5.1	27141120
eCl@ss 6.0	27141120
eCl@ss 7.0	27141120
eCl@ss 8.0	27141120

### ETIM

ETIM 2.0	EC000897
ETIM 3.0	EC000897
ETIM 4.0	EC000897
ETIM 5.0	EC000897


### UNSPSC


UNSPSC 6.01	30211811
UNSPSC 7.0901	39121410
UNSPSC 11	39121410
UNSPSC 12.01	39121410
UNSPSC 13.2	39121410

## approvals

UL Recognized / cUL Recognized / CSA / cULus Recognized /

### Approval details

<b>UL Recognized</b> 		
Usegroups	B	C
Nominal voltage UN	600 V	600 V
Nominal current IN	30 A	30 A
mm <sup>2</sup> /AWG/kcmil	26-10	26-10

<b>cUL Recognized</b> 		
Usegroups	B	C
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# Feed-through terminal block - UT 4/ 1P - 3045583

approvals

CSA		
Usegroups	B	C
Nominal voltage UN	600 V	600 V
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mm <sup>2</sup> /AWG/kcmil	26-10	26-10

cULus Recognized		
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accessories

## End cover

D-UT 2,5/1P - 3047154



DP PS-6 - 3036738



## Partition plate

ATP-UT - 3047167



## Screwdriver tools

## Feed-through terminal block - UT 4/ 1P - 3045583

### accessories

SZS 0,6X3,5 - 1205053



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### Marker pen

X-PEN 0,35 - 0811228



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### Coding element

PC - 3040588



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### Flange

UT 4/ 1P-F - 3060458



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### Bridge

FBS 2-6 - 3030336



# Feed-through terminal block - UT 4/ 1P - 3045583

accessories

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FBS 3-6 - 3030242



FBS 4-6 - 3030255



FBS 5-6 - 3030349



FBS 10-6 - 3030271



FBS 20-6 - 3030365



# Feed-through terminal block - UT 4/ 1P - 3045583

## accessories

FBS 50-6 - 3032224



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FBSR 2-6 - 3033715



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FBSR 3-6 - 3001594



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FBSR 4-6 - 3001595



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FBSR 5-6 - 3001596



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FBSR 10-6 - 3033716





## Feed-through terminal block - UT 4/ 1P - 3045583

accessories

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### Mounting rail

NS 35/ 7,5 PERF 2000MM - 0801733



NS 35/ 7,5 UNPERF 2000MM - 0801681



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



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



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



## Feed-through terminal block - UT 4/ 1P - 3045583

### accessories

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



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



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



NS 35/ 7,5 CAP - 1206560



NS 35/15 PERF 2000MM - 1201730



NS 35/15 UNPERF 2000MM - 1201714



## Feed-through terminal block - UT 4/ 1P - 3045583

accessories

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NS 35/15 WH PERF 2000MM - 0806602



NS 35/15 WH UNPERF 2000MM - 1204135



NS 35/15 AL UNPERF 2000MM - 1201756



NS 35/15 ZN PERF 2000MM - 1206599



NS 35/15 ZN UNPERF 2000MM - 1206586



## Feed-through terminal block - UT 4/ 1P - 3045583

### accessories

NS 35/15 CU UNPERF 2000MM - 1201895



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NS 35/15 CAP - 1206573



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



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### Terminal marking

ZB 6:UNBEDRUCKT - 1051003



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UC-TM 6 - 0818085



## Feed-through terminal block - UT 4/ 1P - 3045583

accessories

UCT-TM 6 - 0828736



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### Labeled terminal marker

ZB 6 CUS - 0824992



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ZB 6,LGS:FORTL.ZAHLEN - 1051016



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ZB 6,QR:FORTL.ZAHLEN - 1051029



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ZB 6,LGS:GLEICHE ZAHLEN - 1051032



## Feed-through terminal block - UT 4/ 1P - 3045583

accessories

ZB 6,LGS:L1-N,PE - 1051414



ZB 6,LGS:U-N - 1051430



UC-TM 6 CUS - 0824589



UCT-TM 6 CUS - 0829602



### Test plug terminal block

MPS-MT - 0201744



## Feed-through terminal block - UT 4/ 1P - 3045583

### accessories

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



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



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



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



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



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



## Feed-through terminal block - UT 4/ 1P - 3045583

### accessories

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



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



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



PS-6 - 3030996



PS-6/2,3MM RD - 3038736



### Insulating sleeve



# Feed-through terminal block - UT 4/ 1P - 3045583

## accessories

MPS-IH WH - 0201663



MPS-IH RD - 0201676



MPS-IH BU - 0201689



MPS-IH YE - 0201692



MPS-IH GN - 0201702



MPS-IH GY - 0201728



# Feed-through terminal block - UT 4/ 1P - 3045583

## accessories

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MPS-IH BK - 0201731



## End block

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CLIPFIX 35 - 3022218



CLIPFIX 35-5 - 3022276



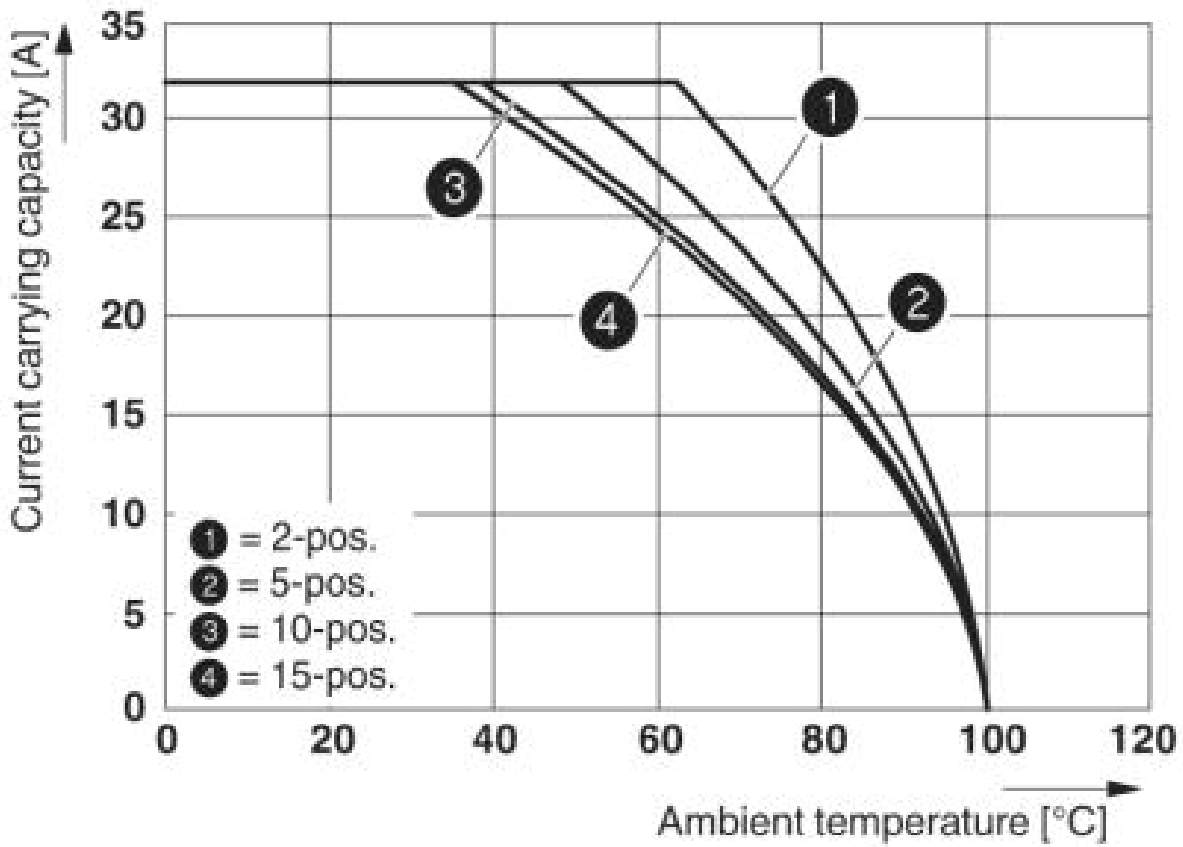
E/NS 35 N - 0800886



## Drawings

# Feed-through terminal block - UT 4/ 1P - 3045583

Diagram



The figure shows the derating curve of the UT 4/1P... terminal block in connection with the UPVB 4 plug

Circuit diagram

