

# Feed-through terminal block - UK 1,5 N - 3005837

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Feed-through terminal block, Connection method: Screw connection, Cross section: 0.14 mm<sup>2</sup> - 1.5 mm<sup>2</sup>, AWG: 26 - 16, Width: 4.2 mm, Color: gray, Mounting type: NS 35/7,5, NS 35/15, NS 32

## Product Features

- Universal foot which can be used on NS 35... and NS 32... DIN rails
- The UK universal screw terminal block series has the typical features which are decisive for practical applications
- Potential distribution via fixed bridges in the terminal center or insertion bridges in the clamping space



## Key commercial data

package_quantity	50
GTIN	4017918139179

## 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	17.5 A (with 1.5 mm <sup>2</sup> conductor cross section)
Rated surge voltage	6 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>	17.5 A
Nominal voltage U <sub>N</sub>	500 V
Open side panel	ja

### Dimensions

Width	4.2 mm
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## Technical data

### Dimensions

Length	42.5 mm
Height NS 35/7,5	42 mm
Height NS 35/15	49.5 mm
Height NS 32	47 mm

### Connection data

Connection in acc. with standard	IEC 60947-7-1
Connection method	Screw connection
Conductor cross section solid min.	0.14 mm <sup>2</sup>
Conductor cross section solid max.	1.5 mm <sup>2</sup>
Conductor cross section AWG/kcmil min.	26
Conductor cross section AWG/kcmil max	16
Conductor cross section stranded min.	0.14 mm <sup>2</sup>
Conductor cross section stranded max.	1.5 mm <sup>2</sup>
Min. AWG conductor cross section, stranded	26
Max. AWG conductor cross section, stranded	16
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.25 mm <sup>2</sup>
Conductor cross section stranded, with ferrule without plastic sleeve max.	0.75 mm <sup>2</sup>
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.25 mm <sup>2</sup>
Conductor cross section stranded, with ferrule with plastic sleeve max.	0.75 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.	0.75 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.	0.75 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.	0.5 mm <sup>2</sup>
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	0.25 mm <sup>2</sup>
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	0.34 mm <sup>2</sup>
Stripping length	7 mm
Internal cylindrical gage	A 1
Screw thread	M2
Tightening torque, min	0.22 Nm
Tightening torque max	0.25 Nm

## classifications

eCl@ss

# Feed-through terminal block - UK 1,5 N - 3005837

## classifications

### eCl@ss

eCl@ss 4.0	27141120
eCl@ss 4.1	27141120
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

IECEX / ATEX / UL Recognized / cUL Recognized / GOST / LR / GL / BV / DNV / PRS / KR / GOST / cULus Recognized /

### Approval details

<b>IECEX</b>	
Nominal voltage UN	352 V
Nominal current IN	17 A
mm <sup>2</sup> /AWG/kcmil	0.14-1.5

<b>ATEX</b> 	
Nominal voltage UN	352 V
Nominal current IN	17 A
mm <sup>2</sup> /AWG/kcmil	0.14-1.5

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## approvals

<b>UL Recognized</b>	
Nominal voltage UN	300 V
Nominal current IN	15 A
mm <sup>2</sup> /AWG/kcmil	30-14

<b>cUL Recognized</b>	
Nominal voltage UN	300 V
Nominal current IN	15 A
mm <sup>2</sup> /AWG/kcmil	30-14

**GOST**

**LR**

**GL**

**BV**

**DNV**

**PRS**

**KR**

**cULus Recognized**

## Feed-through terminal block - UK 1,5 N - 3005837

accessories

### End cover

D-UK 2,5 - 3001022



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### Partition plate

ATP-UK - 3003224



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### Bridge

FBRN 8-4 N - 3001608



FBRN 7-4 N - 3001598



FBRN 6-4 N - 3001585



## Feed-through terminal block - UK 1,5 N - 3005837

### accessories

FBRN 5-4 N - 3001572



FBRN 4-4 N - 3001569



FBRN 20-4 N - 3001637



FBRN 10-4 N - 3001624



### Mounting rail

NS 32 PERF 2000MM - 1201002



## Feed-through terminal block - UK 1,5 N - 3005837

### accessories

NS 32 UNPERF 2000MM - 1201015



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 - UK 1,5 N - 3005837

accessories

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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





## Feed-through terminal block - UK 1,5 N - 3005837

### accessories

NS 35/15 UNPERF 2000MM - 1201714



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 - UK 1,5 N - 3005837

accessories

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NS 35/15 CU UNPERF 2000MM - 1201895



NS 35/15 CAP - 1206573



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



### Terminal marking

ZB 4 :UNBEDRUCKT - 0805001



UC-TM 4 - 0818111



## Feed-through terminal block - UK 1,5 N - 3005837

accessories

UCT-TM 4 - 0828732



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### Labeled terminal marker

ZB 4 CUS - 0824951



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ZB 4,LGS:FORTL.ZAHLEN - 0805739



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ZB 4,QR:FORTL.ZAHLEN - 0805807



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UC-TM 4 CUS - 0824573



## Feed-through terminal block - UK 1,5 N - 3005837

accessories

UCT-TM 4 CUS - 0829588



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### End block

CLIPFIX 35 - 3022218



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CLIPFIX 35-5 - 3022276



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E/NS 35 N - 0800886



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E/UK - 1201442



## Feed-through terminal block - UK 1,5 N - 3005837

accessories

E/UK 1 - 1201413



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accessories

FBRN 9-4 N - 3001611

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## Drawings

Circuit diagram



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