

## Feed-through terminal block - UK 2,5 N - 3003347

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Feed-through terminal block, Connection method: Screw connection, Cross section: 0.2 mm<sup>2</sup> - 4 mm<sup>2</sup>, AWG: 24 - 12, Width: 5.2 mm, Color: gray, Mounting type: NS 35/7,5, NS 35/15

### 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	4017918099299

### Technical data

#### General

Number of levels	1
Number of connections	2
Color	gray
Insulating material	PA
Inflammability class according to UL 94	V2

#### General

Maximum load current	24 A (with 2.5 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
Nominal voltage U <sub>N</sub>	800 V
Open side panel	ja

#### Dimensions

Width	5.2 mm
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# Feed-through terminal block - UK 2,5 N - 3003347

## 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.	0.2 mm <sup>2</sup>
Conductor cross section solid max.	4 mm <sup>2</sup>
Conductor cross section AWG/kcmil min.	24
Conductor cross section AWG/kcmil max	12
Conductor cross section stranded min.	0.2 mm <sup>2</sup>
Conductor cross section stranded max.	2.5 mm <sup>2</sup>
Min. AWG conductor cross section, stranded	24
Max. AWG conductor cross section, stranded	14
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.	2.5 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.	1.5 mm <sup>2</sup>
Cross section with insertion bridge, solid max.	2.5 mm <sup>2</sup>
Cross section with insertion bridge, stranded max.	2.5 mm <sup>2</sup>
2 conductors with same cross section, solid min.	0.2 mm <sup>2</sup>
2 conductors with same cross section, solid max.	1 mm <sup>2</sup>
2 conductors with same cross section, stranded min.	0.25 mm <sup>2</sup>
2 conductors with same cross section, stranded max.	1 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.	0.25 mm <sup>2</sup>
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	1 mm <sup>2</sup>
Cross section with insertion bridge, solid max.	2.5 mm <sup>2</sup>
Cross section with insertion bridge, stranded max.	2.5 mm <sup>2</sup>
Stripping length	7 mm
Internal cylindrical gage	A3
Screw thread	M3
Tightening torque, min	0.6 Nm

# Feed-through terminal block - UK 2,5 N - 3003347

## Technical data

### Connection data

<b>Tightening torque max</b>	0.8 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

IECEEx / ATEX / GL / CSA / UL Recognized / KEMA-KEUR / cUL Recognized / GOST / LR / GL / BV / DNV / PRS / KR / CCA / IECCEB Scheme / GOST / cULus Recognized /

### Approval details


<b>IECEEx</b>	
Nominal voltage UN	550 V
Nominal current IN	22 A
mm <sup>2</sup> /AWG/kcmil	0.2-2.5




# Feed-through terminal block - UK 2,5 N - 3003347

## approvals


Nominal voltage UN	550 V
Nominal current IN	22 A
mm <sup>2</sup> /AWG/kcmil	0.2-2.5

**GL** 


Nominal voltage UN	550 V
Nominal current IN	22 A
mm <sup>2</sup> /AWG/kcmil	2.5

**CSA** 


Nominal voltage UN	300 V
Nominal current IN	20 A
mm <sup>2</sup> /AWG/kcmil	28-12

**UL Recognized** 

Nominal voltage UN	300 V
Nominal current IN	20 A
mm <sup>2</sup> /AWG/kcmil	30-12

**KEMA-KEUR** 


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

**cUL Recognized** 

Nominal voltage UN	300 V
Nominal current IN	20 A
mm <sup>2</sup> /AWG/kcmil	30-12

# Feed-through terminal block - UK 2,5 N - 3003347

approvals

GOST 
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LR
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BV
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DNV
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PRS
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KR
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<b>CCA</b>	
Nominal voltage UN	800 V
Nominal current IN	
mm <sup>2</sup> /AWG/kcmil	2.5

<b>IECEE CB Scheme</b> 	
Nominal voltage UN	800 V
Nominal current IN	
mm <sup>2</sup> /AWG/kcmil	2.5


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cULus Recognized 
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accessories

**End cover**

## Feed-through terminal block - UK 2,5 N - 3003347

### accessories

D-UK 2,5 - 3001022



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### Warning label printed

WS 4- 5 - 0805344



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WS 3- 5 - 0805357



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WS 5- 5 - 0805331



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### Mounting material

ZSR - 2303608



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### Short-circuit connector

## Feed-through terminal block - UK 2,5 N - 3003347

accessories

KSS 5 - 2303543



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### Test plug terminal block

RPS - 0201647



MPS-MT - 0201744



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### Partition plate

TS-KK 3 - 2770215



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### Partition plate

ATP-UK - 3003224



# Feed-through terminal block - UK 2,5 N - 3003347

accessories

## Terminal marking

SBS 5:UNBEDRUCKT - 1007219



ZB 5 :UNBEDRUCKT - 1050004



UC-TM 5 - 0818108



UCT-TM 5 - 0828734



## Bridge

FBRI 20-5 N - 3000515





## Feed-through terminal block - UK 2,5 N - 3003347

### accessories

FBRI 16-5 N - 3000476



FBRI 12-5 N - 3000434



FBRI 2-5 N - 3000227



FBRI 10-5 N - 2770642



FBRI 40-5 N - 3006823



EBL 3- 5 - 2303158



## Feed-through terminal block - UK 2,5 N - 3003347

accessories

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EBL 2- 5 - 2303145



EBL 10- 5 - 2303132



USBR 2-7 - 2303239



USBRJ 2-7 - 2305538



SBRN 2-7 - 1413230



## Feed-through terminal block - UK 2,5 N - 3003347

accessories

FB-150 METER - 0201595



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### Mounting rail

NS 32 PERF 2000MM - 1201002



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NS 32 UNPERF 2000MM - 1201015



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NS 35/ 7,5 PERF 2000MM - 0801733



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NS 35/ 7,5 UNPERF 2000MM - 0801681



## Feed-through terminal block - UK 2,5 N - 3003347

### accessories

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



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



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



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



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



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



## Feed-through terminal block - UK 2,5 N - 3003347

accessories

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NS 35/ 7,5 CAP - 1206560



NS 35/15 PERF 2000MM - 1201730



NS 35/15 UNPERF 2000MM - 1201714



NS 35/15 WH PERF 2000MM - 0806602



NS 35/15 WH UNPERF 2000MM - 1204135



## Feed-through terminal block - UK 2,5 N - 3003347

### 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 - UK 2,5 N - 3003347

accessories

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## Labeled terminal marker

ZB 5 CUS - 0824962



ZB 5,LGS:FORTL.ZAHLEN - 1050017



ZB 5,QR:FORTL.ZAHLEN - 1050020



ZB 5,LGS:GLEICHE ZAHLEN - 1050033



ZB 5,LGS:L1-N,PE - 1050415



## Feed-through terminal block - UK 2,5 N - 3003347

accessories

UC-TM 5 CUS - 0824581



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UCT-TM 5 CUS - 0829595



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### Insulating sleeve

MPS-IH WH - 0201663



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MPS-IH RD - 0201676



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MPS-IH BU - 0201689





## Feed-through terminal block - UK 2,5 N - 3003347

### 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 - UK 2,5 N - 3003347

accessories

CLIPFIX 35-5 - 3022276



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E/NS 35 N - 0800886



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E/UK - 1201442



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E/UK 1 - 1201413



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**Test socket**

PSBJ 3/13/4 - 0201304



## Feed-through terminal block - UK 2,5 N - 3003347

### accessories

PSB 3/10/4 - 0601292



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### accessories

FBRI 19-5 N - 3000502

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FBRI 18-5 N - 3000492

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FBRI 17-5 N - 3000489

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FBRI 15-5 N - 3000463

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# Feed-through terminal block - UK 2,5 N - 3003347

## accessories

FBRI 14-5 N - 3000450



FBRI 13-5 N - 3000447



FBRI 11-5 N - 3000421

## Drawings

Circuit diagram



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