

## 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

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

### Connection data

<b>Conductor cross section solid min.</b>	0.2 mm <sup>2</sup>
<b>Conductor cross section solid max.</b>	4 mm <sup>2</sup>
<b>Conductor cross section AWG/kcmil min.</b>	24
<b>Conductor cross section AWG/kcmil max.</b>	12
<b>Conductor cross section stranded min.</b>	0.2 mm <sup>2</sup>
<b>Conductor cross section stranded max.</b>	2.5 mm <sup>2</sup>
<b>Min. AWG conductor cross section, stranded</b>	24
<b>Max. AWG conductor cross section, stranded</b>	14
<b>Conductor cross section stranded, with ferrule without plastic sleeve min.</b>	0.25 mm <sup>2</sup>
<b>Conductor cross section stranded, with ferrule without plastic sleeve max.</b>	2.5 mm <sup>2</sup>
<b>Conductor cross section stranded, with ferrule with plastic sleeve min.</b>	0.25 mm <sup>2</sup>
<b>Conductor cross section stranded, with ferrule with plastic sleeve max.</b>	1 mm <sup>2</sup>
<b>2 conductors with same cross section, solid min.</b>	0.2 mm <sup>2</sup>
<b>2 conductors with same cross section, solid max.</b>	1 mm <sup>2</sup>
<b>2 conductors with same cross section, stranded min.</b>	0.25 mm <sup>2</sup>
<b>2 conductors with same cross section, stranded max.</b>	1 mm <sup>2</sup>
<b>2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.</b>	0.5 mm <sup>2</sup>
<b>2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.</b>	1.5 mm <sup>2</sup>
<b>2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.</b>	0.25 mm <sup>2</sup>
<b>2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.</b>	1 mm <sup>2</sup>
<b>Cross section with insertion bridge, solid max.</b>	2.5 mm <sup>2</sup>
<b>Cross section with insertion bridge, stranded max.</b>	2.5 mm <sup>2</sup>
<b>Connection method</b>	Screw connection
<b>Stripping length</b>	7 mm
<b>Internal cylindrical gage</b>	A3
<b>Screw thread</b>	M3
<b>Tightening torque, min</b>	0.6 Nm
<b>Tightening torque max</b>	0.8 Nm

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

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

### Approval details

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

ATEX 	
Nominal voltage UN	550 V
Nominal current IN	27 A
mm <sup>2</sup> /AWG/kcmil	0.2-4

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## approvals

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

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

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

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

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

<b>GOST</b>	
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# Feed-through terminal block - UK 2,5 N - 3003347

approvals

LR


BV

DNV

PRS

KR

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

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



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



WS 3- 5 - 0805357



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



**Test plug terminal block**

RPS - 0201647



MPS-MT - 0201744



**Partition plate**

TS-KK 3 - 2770215



**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



UC-TM 5 CUS - 0824581



UCT-TM 5 CUS - 0829595



### Insulating sleeve

MPS-IH WH - 0201663



MPS-IH RD - 0201676



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

### accessories

MPS-IH BU - 0201689



MPS-IH YE - 0201692



MPS-IH GN - 0201702



MPS-IH GY - 0201728



MPS-IH BK - 0201731



### End block



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

### accessories

CLIPFIX 35 - 3022218



CLIPFIX 35-5 - 3022276



E/NS 35 N - 0800886



E/UK - 1201442



E/UK 1 - 1201413



**Test socket**

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

### accessories

PSBJ 3/13/4 - 0201304



PSB 3/10/4 - 0601292



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

accessories

FBRI 15-5 N - 3000463

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FBRI 14-5 N - 3000450



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FBRI 13-5 N - 3000447



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FBRI 11-5 N - 3000421

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### Drawings

Circuit diagram

