

# Feed-through terminal block - UK 3-TWIN BU - 3002416

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1-level terminal block with double connection on one side, cross section: 0.2 - 2.5 mm<sup>2</sup>, AWG: 30 - 12, width: 5.2 mm, color: blue

## Product Features

- These twin modular terminal blocks are designed for the basic task of potential branching
- Universal foot for mounting on NS 35.. or NS 32... DIN rails
- Two independent conductor connections can be used on the control cabinet side
- Easy connection of different types of conductors with different cross sections
- Can be bridged in the terminal center, even with neighboring feed-through terminal blocks aligned

## Key commercial data

<b>package_quantity</b>	50
<b>GTIN</b>	4017918090258

## Technical data

### General

<b>Number of levels</b>	2
<b>Number of connections</b>	3
<b>Color</b>	blue
<b>Insulating material</b>	PA
<b>Inflammability class according to UL 94</b>	V0

### General

<b>Maximum load current</b>	24 A (with 2.5 mm <sup>2</sup> conductor cross section)
<b>Rated surge voltage</b>	6 kV
<b>Pollution degree</b>	3
<b>Surge voltage category</b>	III
<b>Insulating material group</b>	I
<b>Connection in acc. with standard</b>	IEC 60947-7-1
<b>Nominal current I<sub>N</sub></b>	24 A (the maximum load current must not be exceeded by the total current of all connected conductors)
<b>Nominal voltage U<sub>N</sub></b>	400 V
<b>Open side panel</b>	ja

### Dimensions

<b>Width</b>	5.2 mm
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## Technical data

### Dimensions

Length	50.5 mm
Height NS 35/7,5	47 mm
Height NS 35/15	54.5 mm
Height NS 32	52 mm

### Connection data

Conductor cross section solid min.	0.2 mm <sup>2</sup>
Conductor cross section solid max.	2.5 mm <sup>2</sup>
Conductor cross section AWG/kcmil min.	24
Conductor cross section AWG/kcmil max.	14
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.	1.5 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 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.	0.5 mm <sup>2</sup>
2 conductors with same cross section, stranded min.	0.2 mm <sup>2</sup>
2 conductors with same cross section, stranded max.	0.5 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.	0.75 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.	0.5 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>
Connection method	Screw connection
Stripping length	8 mm
Screw thread	M3
Tightening torque, min	0.5 Nm
Tightening torque max	0.6 Nm

### classifications

eCl@ss

# Feed-through terminal block - UK 3-TWIN BU - 3002416

## 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

CSA / UL Recognized / KEMA-KEUR / cUL Recognized / GOST / GL / CCA / LR / GOST / cULus Recognized /

### Approval details

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

	
Nominal voltage UN	150 V
Nominal current IN	20 A
mm <sup>2</sup> /AWG/kcmil	30-12

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approvals

<b>KEMA-KEUR</b>	
Nominal voltage UN	400 V
Nominal current IN	24 A
mm <sup>2</sup> /AWG/kcmil	2.5

<b>cUL Recognized</b>	
Nominal voltage UN	150 V
Nominal current IN	20 A
mm <sup>2</sup> /AWG/kcmil	30-12

<b>GOST</b>
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<b>GL</b>
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<b>CCA</b>	
Nominal voltage UN	400 V
Nominal current IN	
mm <sup>2</sup> /AWG/kcmil	2.5

<b>LR</b>
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<b>cULus Recognized</b>
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accessories

End cover

## Feed-through terminal block - UK 3-TWIN BU - 3002416

### accessories

D-UK 5-TWIN BU - 1923050



D-UK 5-TWIN - 1923034



### Warning label printed

WS 4- 5 - 0805344



WS 3- 5 - 0805357



WS 5- 5 - 0805331



### Bridge

# Feed-through terminal block - UK 3-TWIN BU - 3002416

accessories

FB-150 METER - 0201595



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FBRI 10-5 N - 2770642



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FBRI 12-5 N - 3000434



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FBRI 16-5 N - 3000476



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FBRI 20-5 N - 3000515



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FBRI 40-5 N - 3006823



## Feed-through terminal block - UK 3-TWIN BU - 3002416

accessories

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EBL 3- 5 - 2303158



EBL 2- 5 - 2303145



EBL 10- 5 - 2303132



USBRJ 2-7 - 2305538



USBR 2-7 - 2303239



**Short-circuit connector**

## Feed-through terminal block - UK 3-TWIN BU - 3002416

accessories

KSS 5 - 2303543



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### Test plug terminal block

PS-UK 2,5 B/Z-5 - 3001226



PS-UK 2,5 B/E - 3001132



RPS - 0201647



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### Partition plate

TS-K - 1302215



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### Terminal marking



## Feed-through terminal block - UK 3-TWIN BU - 3002416

### accessories

SBS 5:UNBEDRUCKT - 1007219



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ZB 5 :UNBEDRUCKT - 1050004



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UC-TM 5 - 0818108



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UCT-TM 5 - 0828734



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### Mounting rail

NS 32 PERF 2000MM - 1201002



## Feed-through terminal block - UK 3-TWIN BU - 3002416

### 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 3-TWIN BU - 3002416

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 3-TWIN BU - 3002416

### 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 3-TWIN BU - 3002416

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



**Labeled terminal marker**

ZB 5 CUS - 0824962



UC-TM 5 CUS - 0824581



# Feed-through terminal block - UK 3-TWIN BU - 3002416

accessories

UCT-TM 5 CUS - 0829595



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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 3-TWIN BU - 3002416

### accessories

E/UK 1 - 1201413



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### Test socket

PSBJ 3/13/4 - 0201304



PSB 3/10/4 - 0601292



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### accessories

PS-UK 3-5/Z-5 - 3001459

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FBRI 11-5 N - 3000421

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## Feed-through terminal block - UK 3-TWIN BU - 3002416

### accessories

FBRI 13-5 N - 3000447



FBRI 14-5 N - 3000450



FBRI 15-5 N - 3000463

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FBRI 17-5 N - 3000489

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FBRI 18-5 N - 3000492

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FBRI 19-5 N - 3000502



# Feed-through terminal block - UK 3-TWIN BU - 3002416

accessories

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## Drawings

Circuit diagram



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