

# Feed-through terminal block - UK 10-TWIN - 3005196

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1-level terminal block with double connection on one side, cross section: 0.5 - 10 mm<sup>2</sup>, AWG: 24 - 6, width: 10.2 mm, color: gray

## Product Features

- These twin modular terminal blocks are designed for the basic task of potential branching
- Two independent conductor connections can be used on the control cabinet side
- Universal foot for mounting on NS 35.. or NS 32... DIN rails
- 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>	4017918091132

## Technical data

### General

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

### General

<b>Maximum load current</b>	76 A (with 16 mm <sup>2</sup> conductor cross section)
<b>Rated surge voltage</b>	8 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>	57 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>	800 V
<b>Open side panel</b>	nein

### Dimensions

<b>Width</b>	10.2 mm
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## Technical data

### Dimensions

Length	56.5 mm
Height NS 35/7,5	59 mm
Height NS 35/15	66.5 mm
Height NS 32	64 mm

### Connection data

Conductor cross section solid min.	0.5 mm <sup>2</sup>
Conductor cross section solid max.	16 mm <sup>2</sup>
Conductor cross section AWG/kcmil min.	20
Conductor cross section AWG/kcmil max	6
Conductor cross section stranded min.	0.5 mm <sup>2</sup>
Conductor cross section stranded max.	10 mm <sup>2</sup>
Min. AWG conductor cross section, stranded	20
Max. AWG conductor cross section, stranded	8
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.5 mm <sup>2</sup>
Conductor cross section stranded, with ferrule without plastic sleeve max.	10 mm <sup>2</sup>
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.5 mm <sup>2</sup>
Conductor cross section stranded, with ferrule with plastic sleeve max.	6 mm <sup>2</sup>
2 conductors with same cross section, solid min.	0.5 mm <sup>2</sup>
2 conductors with same cross section, solid max.	4 mm <sup>2</sup>
2 conductors with same cross section, stranded min.	0.5 mm <sup>2</sup>
2 conductors with same cross section, stranded max.	4 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.	4 mm <sup>2</sup>
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	0.5 mm <sup>2</sup>
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	2.5 mm <sup>2</sup>
Connection method	Screw connection
Stripping length	11 mm
Screw thread	M4
Tightening torque, min	1.5 Nm
Tightening torque max	1.8 Nm

## classifications

### eCl@ss

eCl@ss 4.0	27141120
eCl@ss 4.1	27141120

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## classifications

### eCl@ss

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

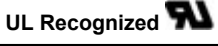
UNSPSC 6.01	30211811
UNSPSC 7.0901	39121410
UNSPSC 11	39121410
UNSPSC 12.01	39121410
UNSPSC 13.2	39121410

## approvals

CSA / UL Recognized / KEMA-KEUR / cUL Recognized / GOST / PRS / CCA / GOST / cULus Recognized /

### Approval details

		
Usegroups	B	C
Nominal voltage UN	600 V	600 V
Nominal current IN	65 A	65 A
mm <sup>2</sup> /AWG/kcmil	24-6	24-6

	
Nominal voltage UN	300 V
Nominal current IN	65 A
mm <sup>2</sup> /AWG/kcmil	24-6

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approvals

<b>KEMA-KEUR</b>	
Nominal voltage UN	800 V
Nominal current IN	57 A
mm <sup>2</sup> /AWG/kcmil	10

<b>cUL Recognized</b>	
Nominal voltage UN	300 V
Nominal current IN	65 A
mm <sup>2</sup> /AWG/kcmil	24-6

<b>GOST</b>
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<b>PRS</b>
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<b>CCA</b>	
Nominal voltage UN	800 V
Nominal current IN	
mm <sup>2</sup> /AWG/kcmil	10

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<b>cULus Recognized</b>
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accessories

**Warning label printed**

## Feed-through terminal block - UK 10-TWIN - 3005196

accessories

WS 5-10 - 1004429



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WS 4-10 - 1004225



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**Short-circuit connector**

KSS 10 - 0310541



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**Partition plate**

TS-KK 3 - 2770215



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**Terminal marking**

SBS10:UNBEDRUCKT - 1007248



# Feed-through terminal block - UK 10-TWIN - 3005196

## accessories

ZB 10:UNBEDRUCKT - 1053001



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UC-TM 10 - 0818069



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UCT-TM 10 - 0829142



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## Insulating sleeve

IS-K 10 - 1303337



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ISSBI 10-10 - 0301521



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## Bridge

# Feed-through terminal block - UK 10-TWIN - 3005196

## accessories

KB- 10 - 0203205



FBI 2-10 - 0203483



FBI 10-10 - 0203276



EB 2-10 - 0203153



EB 3-10 - 0203328



EB 10-10 - 0203137



# Feed-through terminal block - UK 10-TWIN - 3005196

accessories

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SB 2-10/15 - 0203234



## Mounting rail

NS 32 PERF 2000MM - 1201002



NS 32 UNPERF 2000MM - 1201015



NS 35/ 7,5 PERF 2000MM - 0801733



NS 35/ 7,5 UNPERF 2000MM - 0801681





## Feed-through terminal block - UK 10-TWIN - 3005196

### accessories

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



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



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



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



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



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



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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



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### 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 10-TWIN - 3005196

accessories

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## Labeled terminal marker

ZB 10 CUS - 0824941



UC-TM 10 CUS - 0824605



UCT-TM 10 CUS - 0829623



## End block

CLIPFIX 35 - 3022218



CLIPFIX 35-5 - 3022276



## Feed-through terminal block - UK 10-TWIN - 3005196

accessories

E/NS 35 N - 0800886



E/UK - 1201442



E/UK 1 - 1201413



### Test socket

PSBJ 4/15/6 FARBLOS - 0303419



PSBJ 4/15/6 WH - 0303312



## Feed-through terminal block - UK 10-TWIN - 3005196

### accessories

PSBJ 4/15/6 RD - 0303325



PSBJ 4/15/6 BU - 0303354



PSBJ 4/15/6 YE - 0303367



PSBJ 4/15/6 GN - 0303370



PSBJ 4/15/6 VT - 0303383



PSBJ 4/15/6 GY - 0303396



# Feed-through terminal block - UK 10-TWIN - 3005196

accessories

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PSBJ 4/15/6 BK - 0303406



PSB 4/7/6 - 0303299



## Drawings

Circuit diagram



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