

Feed-through terminal block - UK 3-TWIN - 3002225

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1-level terminal block with double connection on one side, cross section: 0.2 - 2.5 mm², AWG: 30 - 12, width: 5.2 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

package_quantity	50
GTIN	4017918090203

Technical data

General

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

General

Maximum load current	24 A (with 2.5 mm ² 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 _N	24 A (the maximum load current must not be exceeded by the total current of all connected conductors)
Nominal voltage U _N	400 V
Open side panel	ja

Dimensions

Width	5.2 mm
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Feed-through terminal block - UK 3-TWIN - 3002225

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 ²
Conductor cross section solid max.	2.5 mm ²
Conductor cross section AWG/kcmil min.	24
Conductor cross section AWG/kcmil max	14
Conductor cross section stranded min.	0.2 mm ²
Conductor cross section stranded max.	2.5 mm ²
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 ²
Conductor cross section stranded, with ferrule without plastic sleeve max.	1.5 mm ²
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.25 mm ²
Conductor cross section stranded, with ferrule with plastic sleeve max.	1 mm ²
2 conductors with same cross section, solid min.	0.2 mm ²
2 conductors with same cross section, solid max.	0.5 mm ²
2 conductors with same cross section, stranded min.	0.2 mm ²
2 conductors with same cross section, stranded max.	0.5 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.5 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	0.75 mm ²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	0.25 mm ²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	0.5 mm ²
Cross section with insertion bridge, solid max.	2.5 mm ²
Cross section with insertion bridge, stranded max.	2.5 mm ²
Connection method	Screw connection
Stripping length	8 mm
Internal cylindrical gage	A3
Screw thread	M3
Tightening torque, min	0.5 Nm
Tightening torque max	0.6 Nm

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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 / LR / GL / PRS / CCA / GOST / cULus Recognized /

Approval details

CSA 	
Nominal voltage UN	300 V
Nominal current IN	20 A
mm²/AWG/kcmil	28-12

UL Recognized 	
Nominal voltage UN	300 V
Nominal current IN	10 A
mm²/AWG/kcmil	30-12

Feed-through terminal block - UK 3-TWIN - 3002225

approvals

KEMA-KEUR 	
Nominal voltage UN	400 V
Nominal current IN	24 A
mm²/AWG/kcmil	2.5

cUL Recognized 	
Nominal voltage UN	300 V
Nominal current IN	10 A
mm²/AWG/kcmil	30-12

GOST 

LR

GL

PRS

CCA	
Nominal voltage UN	400 V
Nominal current IN	
mm²/AWG/kcmil	2.5



cULus Recognized 

Feed-through terminal block - UK 3-TWIN - 3002225

accessories

End cover

D-UK 5-TWIN - 1923034



Warning label printed

WS 3- 5 - 0805357



WS 4- 5 - 0805344



WS 5- 5 - 0805331



Bridge

FB-150 METER - 0201595



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accessories

FBRI 20-5 N - 3000515



FBRI 16-5 N - 3000476



FBRI 12-5 N - 3000434



FBRI 10-5 N - 2770642



FBRI 40-5 N - 3006823



EBL 3- 5 - 2303158



Feed-through terminal block - UK 3-TWIN - 3002225

accessories

EBL 2- 5 - 2303145



EBL 10- 5 - 2303132



USBRJ 2-7 - 2305538



USBR 2-7 - 2303239



Short-circuit connector

KSS 5 - 2303543



Test plug terminal block

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accessories

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



PS-UK 2,5 B/E - 3001132



RPS - 0201647



Partition plate

TS-K - 1302215



Terminal marking

SBS 5:UNBEDRUCKT - 1007219



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accessories

ZB 5 :UNBEDRUCKT - 1050004



UC-TM 5 - 0818108



UCT-TM 5 - 0828734



Mounting rail

NS 32 PERF 2000MM - 1201002



NS 32 UNPERF 2000MM - 1201015



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accessories

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



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



Feed-through terminal block - UK 3-TWIN - 3002225

accessories

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



NS 35/15 UNPERF 2000MM - 1201714



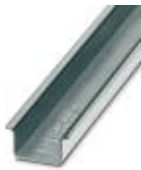
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accessories

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



NS 35/15 CU UNPERF 2000MM - 1201895



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accessories

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



UCT-TM 5 CUS - 0829595



End block

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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 3-TWIN - 3002225

accessories

PSBJ 3/13/4 - 0201304



PSB 3/10/4 - 0601292



accessories

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

FBRI 19-5 N - 3000502

FBRI 18-5 N - 3000492

Feed-through terminal block - UK 3-TWIN - 3002225

accessories

FBRI 17-5 N - 3000489

FBRI 15-5 N - 3000463

FBRI 14-5 N - 3000450



FBRI 13-5 N - 3000447



FBRI 11-5 N - 3000421

Drawings

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Circuit diagram



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