

Feed-through terminal block - UK 10-TWIN BU - 3005235

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://download.phoenixcontact.com>)



1-level terminal block with double connection on one side, cross section: 0.5 - 10 mm², AWG: 24 - 6, width: 10.2 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

package_quantity	50
GTIN	4017918091149

Technical data

General

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

General

Maximum load current	76 A (with 16 mm ² 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_N	57 A (the maximum load current must not be exceeded by the total current of all connected conductors)
Nominal voltage U_N	800 V
Open side panel	nein

Dimensions

Width	10.2 mm
--------------	---------

Feed-through terminal block - UK 10-TWIN BU - 3005235

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 ²
Conductor cross section solid max.	16 mm ²
Conductor cross section AWG/kcmil min.	20
Conductor cross section AWG/kcmil max	6
Conductor cross section stranded min.	0.5 mm ²
Conductor cross section stranded max.	10 mm ²
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 ²
Conductor cross section stranded, with ferrule without plastic sleeve max.	10 mm ²
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.5 mm ²
Conductor cross section stranded, with ferrule with plastic sleeve max.	6 mm ²
2 conductors with same cross section, solid min.	0.5 mm ²
2 conductors with same cross section, solid max.	4 mm ²
2 conductors with same cross section, stranded min.	0.5 mm ²
2 conductors with same cross section, stranded max.	4 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.	4 mm ²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	0.5 mm ²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	2.5 mm ²
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

Feed-through terminal block - UK 10-TWIN BU - 3005235

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

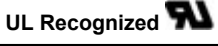
UNSPSC 6.01	30211811
UNSPSC 7.0901	39121410
UNSPSC 11	39121410
UNSPSC 12.01	39121410
UNSPSC 13.2	39121410

approvals

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

Approval details

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

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

Feed-through terminal block - UK 10-TWIN BU - 3005235

approvals

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

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

GOST	
-------------	--

CCA	
Nominal voltage UN	800 V
Nominal current IN	
mm ² /AWG/kcmil	10

--	--

cULus Recognized	
-------------------------	--

accessories

Warning label printed

WS 5-10 - 1004429



Feed-through terminal block - UK 10-TWIN BU - 3005235

accessories

WS 4-10 - 1004225



Short-circuit connector

KSS 10 - 0310541



Partition plate

TS-KK 3 - 2770215



Terminal marking

SBS10:UNBEDRUCKT - 1007248



ZB 10:UNBEDRUCKT - 1053001



Feed-through terminal block - UK 10-TWIN BU - 3005235

accessories

UC-TM 10 - 0818069



UCT-TM 10 - 0829142



Insulating sleeve

IS-K 10 - 1303337



ISSBI 10-10 - 0301521



Bridge

KB- 10 - 0203205



Feed-through terminal block - UK 10-TWIN BU - 3005235

accessories

FBI 2-10 - 0203483



FBI 10-10 - 0203276



EB 2-10 - 0203153



EB 3-10 - 0203328



EB 10-10 - 0203137



SB 2-10/15 - 0203234



Feed-through terminal block - UK 10-TWIN BU - 3005235

accessories

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



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



Feed-through terminal block - UK 10-TWIN BU - 3005235

accessories

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



NS 35/ 7,5 CAP - 1206560



Feed-through terminal block - UK 10-TWIN BU - 3005235

accessories

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



NS 35/15 AL UNPERF 2000MM - 1201756



Feed-through terminal block - UK 10-TWIN BU - 3005235

accessories

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



Labeled terminal marker

Feed-through terminal block - UK 10-TWIN BU - 3005235

accessories

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 BU - 3005235

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 BU - 3005235

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 BU - 3005235

accessories

PSBJ 4/15/6 BK - 0303406



PSB 4/7/6 - 0303299



Drawings

Circuit diagram



© Phoenix Contact 2013 - all rights reserved
<http://www.phoenixcontact.com>