

Feed-through terminal block - UK 2,5 N BU - 3003350

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>)



Feed-through terminal block, Connection method: Screw connection, Cross section: 0.2 mm² - 4 mm², AWG: 24 - 12, Width: 5.2 mm, Color: blue, 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	4017918099282

Technical data

General

Number of levels	1
Number of connections	2
Color	blue
Insulating material	PA
Inflammability class according to UL 94	V2

General

Maximum load current	24 A (with 2.5 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	24 A
Nominal voltage U _N	800 V
Open side panel	ja

Dimensions

Width	5.2 mm
-------	--------

Feed-through terminal block - UK 2,5 N BU - 3003350

Technical data

Dimensions

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

Connection data

Conductor cross section solid min.	0.2 mm ²
Conductor cross section solid max.	4 mm ²
Conductor cross section AWG/kcmil min.	24
Conductor cross section AWG/kcmil max.	12
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.	2.5 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.	1 mm ²
2 conductors with same cross section, stranded min.	0.25 mm ²
2 conductors with same cross section, stranded max.	1 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.	1.5 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.	1 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	7 mm
Internal cylindrical gage	A3
Screw thread	M3
Tightening torque, min	0.6 Nm
Tightening torque max	0.8 Nm

Feed-through terminal block - UK 2,5 N BU - 3003350

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 / GL / DNV / CCA / IECCEB Scheme / LR / GOST / cULus Recognized /

Approval details

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

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

Feed-through terminal block - UK 2,5 N BU - 3003350

approvals

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

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

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

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

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

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


Feed-through terminal block - UK 2,5 N BU - 3003350

approvals


--


DNV

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

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

LR



cULus Recognized 

accessories

End cover

D-UK 2,5 BU - 3001103



Feed-through terminal block - UK 2,5 N BU - 3003350

accessories

D-UK 2,5 - 3001022



Warning label printed

WS 4- 5 - 0805344



WS 5- 5 - 0805331



WS 3- 5 - 0805357



Mounting material

ZSR - 2303608



Bridge

Feed-through terminal block - UK 2,5 N BU - 3003350

accessories

FB-150 METER - 0201595



FBRI 20-5 N - 3000515



FBRI 16-5 N - 3000476



FBRI 12-5 N - 3000434



FBRI 2-5 N - 3000227



FBRI 10-5 N - 2770642



Feed-through terminal block - UK 2,5 N BU - 3003350

accessories

FBRI 40-5 N - 3006823



EBL 3- 5 - 2303158



EBL 2- 5 - 2303145



EBL 10- 5 - 2303132



USBR 2-7 - 2303239



Feed-through terminal block - UK 2,5 N BU - 3003350

accessories

USBRJ 2-7 - 2305538



SBRN 2-7 - 1413230



FB-150 METER - 0201595



Short-circuit connector

KSS 5 - 2303543



Test plug terminal block

RPS - 0201647



Feed-through terminal block - UK 2,5 N BU - 3003350

accessories

MPS-MT - 0201744



Partition plate

TS-KK 3 - 2770215



Partition plate

ATP-UK - 3003224



Terminal marking

SBS 5:UNBEDRUCKT - 1007219



ZB 5 :UNBEDRUCKT - 1050004



Feed-through terminal block - UK 2,5 N BU - 3003350

accessories

UC-TM 5 - 0818108



UCT-TM 5 - 0828734



Mounting rail

NS 32 PERF 2000MM - 1201002



NS 32 UNPERF 2000MM - 1201015



NS 35/ 7,5 PERF 2000MM - 0801733



Feed-through terminal block - UK 2,5 N BU - 3003350

accessories

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



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



Feed-through terminal block - UK 2,5 N BU - 3003350

accessories

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



NS 35/15 WH PERF 2000MM - 0806602



Feed-through terminal block - UK 2,5 N BU - 3003350

accessories

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



NS 35/15 CAP - 1206573



Feed-through terminal block - UK 2,5 N BU - 3003350

accessories

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



Insulating sleeve

MPS-IH WH - 0201663



Feed-through terminal block - UK 2,5 N BU - 3003350

accessories

MPS-IH RD - 0201676



MPS-IH BU - 0201689



MPS-IH YE - 0201692



MPS-IH GN - 0201702



MPS-IH GY - 0201728



MPS-IH BK - 0201731



Feed-through terminal block - UK 2,5 N BU - 3003350

accessories

End block

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 BU - 3003350

accessories

PSBJ 3/13/4 - 0201304



PSB 3/10/4 - 0601292



accessories

FBRI 19-5 N - 3000502

FBRI 18-5 N - 3000492

FBRI 17-5 N - 3000489

Feed-through terminal block - UK 2,5 N BU - 3003350

accessories

FBRI 15-5 N - 3000463

FBRI 14-5 N - 3000450



FBRI 13-5 N - 3000447



FBRI 11-5 N - 3000421

Drawings

Circuit diagram

