

Feed-through terminal block - UK 5 N GN - 3003965

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 - 6 mm², AWG: 24 - 10, Width: 6.2 mm, Color: green, Mounting type: NS 35/7,5, NS 35/15, NS 32



Key commercial data

package_quantity	50
GTIN	4017918282189

Technical data

General

Number of levels	1
Number of connections	2
Color	green
Insulating material	PA
Inflammability class according to UL 94	V0

General

Maximum load current	41 A (with 6 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	32 A
Nominal voltage U _N	800 V
Open side panel	ja

Dimensions

Width	6.2 mm
Length	42.5 mm
Height NS 35/7,5	47 mm
Height NS 35/15	54.5 mm
Height NS 32	52 mm

Feed-through terminal block - UK 5 N GN - 3003965

Technical data

Connection data

Conductor cross section solid min.	0.2 mm ²
Conductor cross section solid max.	6 mm ²
Conductor cross section AWG/kcmil min.	24
Conductor cross section AWG/kcmil max	10
Conductor cross section stranded min.	0.2 mm ²
Conductor cross section stranded max.	4 mm ²
Min. AWG conductor cross section, stranded	24
Max. AWG conductor cross section, stranded	12
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.25 mm ²
Conductor cross section stranded, with ferrule without plastic sleeve max.	4 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.	2.5 mm ²
2 conductors with same cross section, solid min.	0.2 mm ²
2 conductors with same cross section, solid max.	1.5 mm ²
2 conductors with same cross section, stranded min.	0.2 mm ²
2 conductors with same cross section, stranded max.	1.5 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.	2.5 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.	1.5 mm ²
Cross section with insertion bridge, solid max.	4 mm ²
Cross section with insertion bridge, stranded max.	4 mm ²
Connection method	Screw connection
Stripping length	8 mm
Internal cylindrical gage	A4
Screw thread	M3
Tightening torque, min	0.6 Nm
Tightening torque max	0.8 Nm

classifications

eCl@ss

eCl@ss 4.0	27141120
eCl@ss 4.1	27141120
eCl@ss 5.0	27141120
eCl@ss 5.1	27141120

Feed-through terminal block - UK 5 N GN - 3003965

classifications

eCl@ss

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 / FM approved / UL Recognized / GL / UL Recognized / CSA / UL Recognized / KEMA-KEUR / cUL Recognized / GOST / GL / DNV / RS / CCA / IECCE CB Scheme / GOST / cULus Recognized /

Approval details

IECEX	
Nominal voltage UN	550 V
Nominal current IN	33 A
mm ² /AWG/kcmil	0.2-6

ATEX 	
Nominal voltage UN	550 V
Nominal current IN	37.5 A
mm ² /AWG/kcmil	0.2-6

FM approved 	
Nominal voltage UN	600 V

Feed-through terminal block - UK 5 N GN - 3003965

approvals

Nominal current I _N	30 A
mm ² /AWG/kcmil	30-10

UL Recognized 	
Nominal voltage U _N	600 V
Nominal current I _N	30 A
mm ² /AWG/kcmil	30-10

GL 	
Nominal voltage U _N	690 V
Nominal current I _N	32.5 A
mm ² /AWG/kcmil	4

	
Nominal voltage U _N	600 V
Nominal current I _N	30 A
mm ² /AWG/kcmil	30-10

CSA 	
Nominal voltage U _N	600 V
Nominal current I _N	40 A
mm ² /AWG/kcmil	28-10

	
Nominal voltage U _N	600 V
Nominal current I _N	30 A
mm ² /AWG/kcmil	30-10

Feed-through terminal block - UK 5 N GN - 3003965

approvals

KEMA-KEUR 	
Nominal voltage UN	800 V
Nominal current IN	
mm²/AWG/kcmil	4

cUL Recognized 	
Nominal voltage UN	600 V
Nominal current IN	30 A
mm²/AWG/kcmil	30-10

GOST 	
---	--

--

DNV

RS

CCA	
Nominal voltage UN	800 V
Nominal current IN	
mm²/AWG/kcmil	4

IECEE CB Scheme 	
Nominal voltage UN	800 V
Nominal current IN	
mm²/AWG/kcmil	4

Feed-through terminal block - UK 5 N GN - 3003965

approvals



cULus Recognized  US

accessories

End cover

D-UK 4/10 - 3003020



Warning label printed

WS 3- 6 - 1004115



WS 4- 6 - 1004209



WS 5- 6 - 1004403



Feed-through terminal block - UK 5 N GN - 3003965

accessories

Mounting material

ZSR - 2303608



ZSR-EX - 0200017



Bridge

FB-150 METER - 0201595



STL 10N/5N - 0204110



STL 35/ 5 - 0204107



Feed-through terminal block - UK 5 N GN - 3003965

accessories

LB 10-6 BU - 0202280



LB 10-6 GY - 0202358



LB 100-6 GY - 0202345



LB 100-6 BU - 0202303



KB- 6-EX - 0201485



FB 100- 6 - 0201524



Feed-through terminal block - UK 5 N GN - 3003965

accessories

FBI 2- 6 - 0203438



FBI 10- 6 - 0203250



FB 3- 6-EX - 0201469



FB 2- 6-EX - 0201456



FB 5- 6 - 0201029



Feed-through terminal block - UK 5 N GN - 3003965

accessories

FBI 100- 6 - 0201650



FBI 20- 6 - 0201867



FB 10- 6-EX - 0201281



FB 10- 6 - 0201184



EB 2- 6 - 0201155



EB 3- 6 - 0201142



Feed-through terminal block - UK 5 N GN - 3003965

accessories

EB 10- 6 - 0201139



USBRJ 2-7 - 2305538



USBR 2-7 - 2303239



LB 100-6 RD - 0202316



LB 10-6 RD - 0202293



Short-circuit connector

Feed-through terminal block - UK 5 N GN - 3003965

accessories

KSS 6 - 0301547



KSS 3- 6 - 0309523



Cover profile

EA 5 - 1024014



EA 5-WS - 1024085



Test plug terminal block

PS-UK 2,5 B/Z-6 - 3001239



Feed-through terminal block - UK 5 N GN - 3003965

accessories

PS-UK 2,5 B/E - 3001132



RPS - 0201647



MPS-MT - 0201744



Partition plate

TS-K - 1302215



Partition plate

ATP-UK - 3003224



Terminal marking

Feed-through terminal block - UK 5 N GN - 3003965

accessories

SBS 6:UNBEDRUCKT - 1007222



ZB 6:UNBEDRUCKT - 1051003



UC-TM 6 - 0818085



UCT-TM 6 - 0828736



Insulating sleeve

IS-K 4 - 1302338



Feed-through terminal block - UK 5 N GN - 3003965

accessories

ISSBI 10- 6 - 0301505



MPS-IH WH - 0201663



MPS-IH RD - 0201676



MPS-IH BU - 0201689



MPS-IH YE - 0201692



MPS-IH GN - 0201702



Feed-through terminal block - UK 5 N GN - 3003965

accessories

MPS-IH GY - 0201728



MPS-IH BK - 0201731



Mounting rail

NS 32 PERF 2000MM - 1201002



NS 32 UNPERF 2000MM - 1201015



NS 35/ 7,5 PERF 2000MM - 0801733



Feed-through terminal block - UK 5 N GN - 3003965

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 5 N GN - 3003965

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 5 N GN - 3003965

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 5 N GN - 3003965

accessories

NS 35/15-2,3 UNPERF 2000MM - 1201798



Labeled terminal marker

ZB 6 CUS - 0824992



UC-TM 6 CUS - 0824589



UCT-TM 6 CUS - 0829602



End block

CLIPFIX 35 - 3022218



Feed-through terminal block - UK 5 N GN - 3003965

accessories

CLIPFIX 35-5 - 3022276



E/NS 35 N - 0800886



E/UK - 1201442



E/UK 1 - 1201413



Test socket

PSBJ 3/13/4 - 0201304



Feed-through terminal block - UK 5 N GN - 3003965

accessories

PSB 3/10/4 - 0601292



accessories

FB 20- 6 - 0203506

FB 4- 6-EX - 0201443

Drawings

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