

Feed-through terminal block - UK 16 N BU - 3006056

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Feed-through terminal block, Connection method: Screw connection, Cross section: 2.5 mm² - 25 mm², AWG: 14 - 4, Width: 12.2 mm, Color: blue, Mounting type: NS 35/7,5, NS 35/15, NS 32

Product Features

- All universal terminal blocks in the UK... series can also be used in the Ex e area according to IEC/EN 60079 as standard
- The corresponding EC-type examination numbers for Ex approval can be found in the technical connection data



Key commercial data

package_quantity	50
GTIN	4017918091316

Technical data

General

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

General

Maximum load current	101 A (with 25 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	76 A
Nominal voltage U _N	800 V
Open side panel	ja

Dimensions

Width	12.2 mm
Length	42.5 mm

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Technical data

Dimensions

Height NS 35/7,5	54 mm
Height NS 35/15	61.5 mm
Height NS 32	59 mm

Connection data

Conductor cross section solid min.	2.5 mm ²
Conductor cross section solid max.	25 mm ²
Conductor cross section AWG/kcmil min.	14
Conductor cross section AWG/kcmil max	4
Conductor cross section stranded min.	4 mm ²
Conductor cross section stranded max.	16 mm ²
Min. AWG conductor cross section, stranded	12
Max. AWG conductor cross section, stranded	6
Conductor cross section stranded, with ferrule without plastic sleeve min.	1.5 mm ²
Conductor cross section stranded, with ferrule without plastic sleeve max.	16 mm ²
Conductor cross section stranded, with ferrule with plastic sleeve min.	1.5 mm ²
Conductor cross section stranded, with ferrule with plastic sleeve max.	16 mm ²
2 conductors with same cross section, solid min.	1.5 mm ²
2 conductors with same cross section, solid max.	6 mm ²
2 conductors with same cross section, stranded min.	1.5 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.	0.75 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	10 mm ²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	1.5 mm ²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	6 mm ²
Connection method	Screw connection
Stripping length	11 mm
Internal cylindrical gage	B 7
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

IECEX / ATEX / FM approved / UL Recognized / cUL Recognized / GL / cULus Recognized / CSA / UL Recognized / KEMA-KEUR / cUL Recognized / GOST / LR / DNV / RS / CCA / IECCEB CB Scheme / GL / GOST / cULus Recognized /

Approval details

IECEX	
Nominal voltage UN	690 V
Nominal current IN	74 A
mm ² /AWG/kcmil	4-16

ATEX 	
Nominal voltage UN	690 V
Nominal current IN	91.5 A
mm ² /AWG/kcmil	2.5-25

FM approved 	
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approvals

Nominal voltage UN	600 V
Nominal current IN	85 A
mm ² /AWG/kcmil	22-4

UL Recognized

Nominal voltage UN	600 V
Nominal current IN	85 A
mm ² /AWG/kcmil	22-4

cUL Recognized

Nominal voltage UN	600 V
Nominal current IN	85 A
mm ² /AWG/kcmil	22-4

GL

Nominal voltage UN	690 V
Nominal current IN	74 A
mm ² /AWG/kcmil	16

cULus Recognized


CSA

Nominal voltage UN	600 V
Nominal current IN	85 A
mm ² /AWG/kcmil	22-4


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approvals


Nominal voltage UN	600 V
Nominal current IN	85 A
mm ² /AWG/kcmil	22-4

KEMA-KEUR 

Nominal voltage UN	800 V
Nominal current IN	
mm ² /AWG/kcmil	16



Nominal voltage UN	600 V
Nominal current IN	85 A
mm ² /AWG/kcmil	22-4

GOST 


LR

DNV

RS

CCA

Nominal voltage UN	800 V
Nominal current IN	
mm ² /AWG/kcmil	16

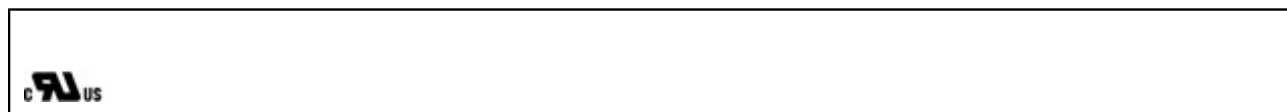
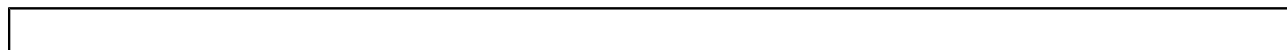
IECEE CB Scheme 

Nominal voltage UN	800 V
Nominal current IN	

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approvals

mm ² /AWG/kcmil	16
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accessories

End cover

D-UK 16 - 3006027



Cover

EA 7-WS - 0800747



Cover profile

EA 7 - 1024250



Partition plate

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accessories

TS-K - 1302215



Partition plate

ATP-UK - 3003224



Bridge

FBI 2-12 - 0200075



FBI 10-12 - 0203454



EB 10-12 - 3006137



Mounting rail

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accessories

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



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



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accessories

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



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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



NS 35/15 ZN PERF 2000MM - 1206599



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accessories

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



Terminal marking

ZB 12:UNPRINTED - 0812120



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accessories

UC-TM 12 - 0819194



UCT-TM 12 - 0829144



Labeled terminal marker

ZB 12 CUS - 0824942



UC-TM 12 CUS - 0824613



UCT-TM 12 CUS - 0829630



Test plug terminal block

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accessories

PS-MT - 0311647



Insulating sleeve

PS-IH WH - 0311566



PS-IH RD - 0311579



PS-IH BU - 0311582



PS-IH YE - 0311595



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accessories

PS-IH GN - 0311605



PS-IH GY - 0311621



PS-IH BK - 0311634



PS-IH VT - 0311618



End block

CLIPFIX 35 - 3022218



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accessories

CLIPFIX 35-5 - 3022276



E/NS 35 N - 0800886



E/UK - 1201442



E/UK 1 - 1201413



Test socket

PSBJ 4/15/6 FARBLOS - 0303419



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accessories

PSBJ 4/15/6 WH - 0303312



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



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accessories

PSBJ 4/15/6 GY - 0303396



PSBJ 4/15/6 BK - 0303406



PSB 4/7/6 - 0303299



Drawings

Circuit diagram

