

Feed-through terminal block - UK 10 N BU - 3005086

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Feed-through terminal block, Connection method: Screw connection, Cross section: 0.5 mm² - 16 mm², AWG: 20 - 6, Width: 10.2 mm, Color: blue, Mounting type: NS 35/7,5, NS 35/15

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	4017918091026

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	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
Nominal voltage U _N	800 V
Open side panel	ja

Dimensions

Width	10.2 mm
Length	42.5 mm

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Technical data

Dimensions

Height NS 35/7,5	47.3 mm
Height NS 35/15	54.8 mm
Height NS 32	52 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.	6 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
Cross section with insertion bridge, solid max.	10 mm ²
Cross section with insertion bridge, stranded max.	10 mm ²
Connection method	Screw connection
Stripping length	10 mm
Internal cylindrical gage	B 6
Screw thread	M4
Tightening torque, min	1.5 Nm
Tightening torque max	1.8 Nm

classifications

eCl@ss

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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

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

Approval details

IECEX	
Nominal voltage UN	690 V
Nominal current IN	57 A
mm ² /AWG/kcmil	0.5-10

ATEX 	
Nominal voltage UN	690 V
Nominal current IN	67 A
mm ² /AWG/kcmil	0.5-16

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approvals

FM approved

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

UL Recognized

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

cUL Recognized

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

GL

Nominal voltage UN	690 V
Nominal current IN	57 A
mm ² /AWG/kcmil	10


cULus Recognized


CSA


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


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approvals

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

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


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

GOST 	
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DNV

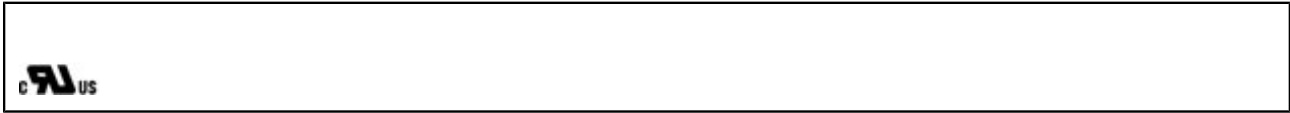
CCA	
Nominal voltage UN	800 V
Nominal current IN	
mm ² /AWG/kcmil	10

	
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approvals

RS



accessories

End cover

D-UK 4/10 - 3003020



D-UK 4/10 BU - 3003101



Warning label printed

WS 5-10 - 1004429



WS 4-10 - 1004225



Short-circuit connector

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accessories

KSS 10 - 0310541



Bridge

STL 10N/5N - 0204110



KB- 10 - 0203205



FBI 2-10 - 0203483



FBI 10-10 - 0203276



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accessories

FB 10-10-EX - 0203247



FB 2-10 - 0203195



FB 4-10 - 0203182



FB 10-10 - 0203179



FB 3-10 - 0203140



EB 2-10 - 0203153



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accessories

EB 3-10 - 0203328



EB 10-10 - 0203137



SB 2- 8/13 N - 0200062



Partition plate

TS-K - 1302215



Partition plate

ATP-UK - 3003224



Terminal marking

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accessories

SBS10:UNBEDRUCKT - 1007248



ZB 10:UNBEDRUCKT - 1053001



UC-TM 10 - 0818069



UCT-TM 10 - 0829142



Mounting rail

NS 32 PERF 2000MM - 1201002



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accessories

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



NS 35/ 7,5 AL UNPERF 2000MM - 0801704



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accessories

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



NS 35/15 PERF 2000MM - 1201730



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accessories

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



NS 35/15 ZN UNPERF 2000MM - 1206586



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accessories

NS 35/15 CU UNPERF 2000MM - 1201895



NS 35/15 CAP - 1206573



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



Labeled terminal marker

ZB 10 CUS - 0824941



UC-TM 10 CUS - 0824605



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accessories

UCT-TM 10 CUS - 0829623



Test plug terminal block

PS-MT - 0311647



Insulating sleeve

PS-IH WH - 0311566



PS-IH RD - 0311579



PS-IH BU - 0311582



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accessories

PS-IH YE - 0311595



PS-IH GN - 0311605



PS-IH GY - 0311621



PS-IH BK - 0311634



PS-IH VT - 0311618



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

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accessories

PSBJ 4/15/6 FARBLOS - 0303419



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



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accessories

PSBJ 4/15/6 VT - 0303383



PSBJ 4/15/6 GY - 0303396



PSBJ 4/15/6 BK - 0303406



PSB 4/7/6 - 0303299



Drawings

Circuit diagram

