

Feed-through terminal block - UIK 16 BU - 3006205

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Feed-through terminal block, Screw connection, Cross section: 2.5 mm² - 25 mm², AWG: 12 - 4, Width: 12.2 mm, Color: blue, Mounting type: NS 35/7,5, NS 35/15, NS 32

Product Features

- Installation terminal blocks with a particularly low-profile design for use in flat distributors
- The asymmetrical arrangement of the terminal blocks on the DIN rail enables the neutral busbar to be routed past the terminal blocks

Key commercial data

package_quantity	50
GTIN	4017918091422

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	101 A (with 2.5 mm ² conductor cross section)
Rated surge voltage	6 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	400 V
Open side panel	ja

Dimensions

Width	12.2 mm
Length	42.5 mm
Height NS 35/7,5	47 mm
Height NS 35/15	54.5 mm

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Technical data

Dimensions

Height NS 32	52 mm
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Connection data

Note	Terminal point
Conductor cross section solid min.	2.5 mm ²
Conductor cross section solid max.	25 mm ²
Conductor cross section stranded min.	4 mm ²
Conductor cross section stranded max.	16 mm ²
Conductor cross section AWG/kcmil min.	12
Conductor cross section AWG/kcmil max	4
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.	6 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.	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
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
eCl@ss 5.0	27141120
eCl@ss 5.1	27141120
eCl@ss 6.0	27141120
eCl@ss 7.0	27141120

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classifications

eCl@ss

eCl@ss 8.0	27141120
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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 / CCA / cUL Recognized / GOST / GOST / cULus Recognized /

Approval details

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

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

Nominal voltage UN	400 V
Nominal current IN	76 A

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approvals

mm ² /AWG/kcmil	16
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cUL Recognized	
Nominal voltage UN	600 V
Nominal current IN	85 A
mm ² /AWG/kcmil	22-4

CCA	
Nominal voltage UN	400 V
Nominal current IN	
mm ² /AWG/kcmil	16

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

GOST

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cULus Recognized

accessories

End cover

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accessories

D-UK 4/10 BU - 3003101



D-UK 4/10 - 3003020



Partition plate

TS-K - 1302215



Partition plate

ATP-UK - 3003224



Warning label printed

WS 4-12 - 0805328



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accessories

WS 5-12 - 0805315



Bridge

FBI 2-12 - 0200075



FBI 10-12 - 0203454



EB 10-12 - 3006137



SB 2- 8/13 - 0202235



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



Feed-through terminal block - UIK 16 BU - 3006205

accessories

PSBJ 4/15/6 GY - 0303396



PSBJ 4/15/6 BK - 0303406



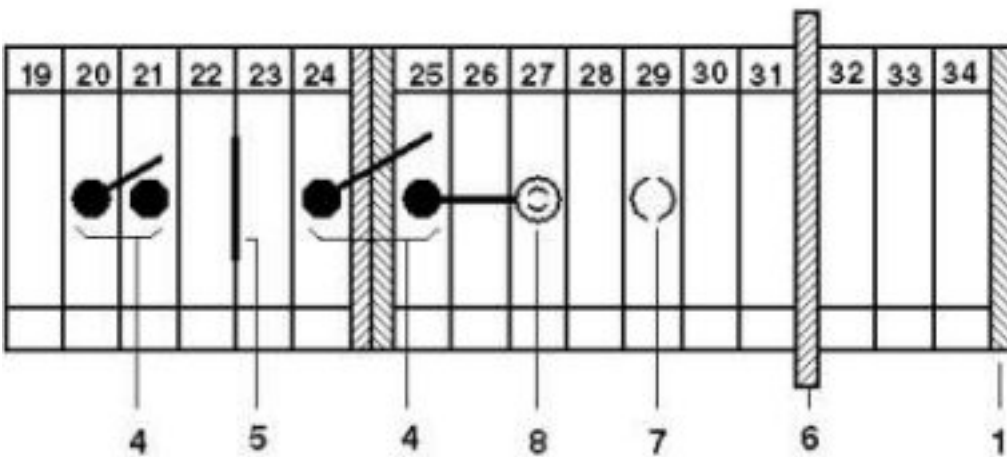
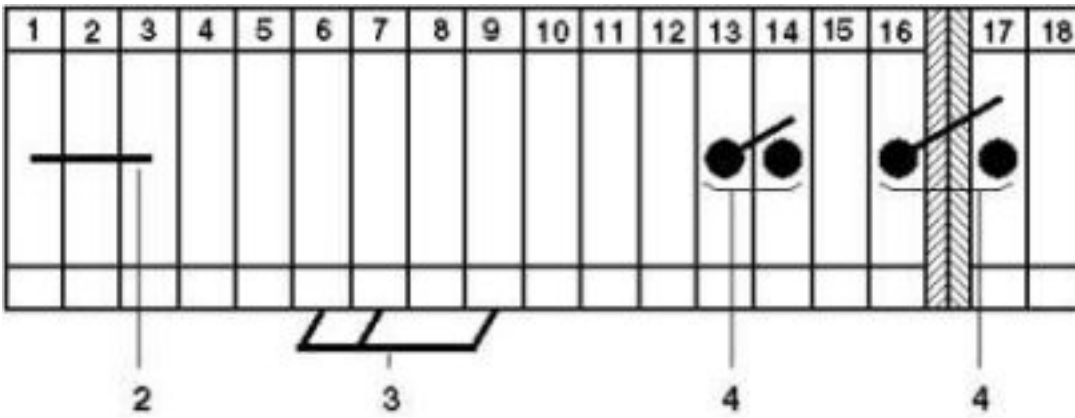
PSB 4/7/6 - 0303299



Drawings

Feed-through terminal block - UIK 16 BU - 3006205

Circuit diagram



1 = cover
 2 = fixed bridge
 3 = insertion bridge
 4 = switch bar for 2 terminal blocks
 5 = separating plate
 6 = partition plate
 7 = test plug socket, for test connection with test plug PS
 8 = test plug socket, insulated, can only be used with FBI

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