

Feed-through terminal block - UDK 4 BU - 2775090

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1-level terminal block with double connection on both sides, cross section: 0.2 - 2.5 mm², AWG: 24 - 10, width: 6.2 mm, color: blue

The illustration shows version UDK 4 in gray

Product Features

- Two connection points on each side to accommodate several conductors
- Double bridge shaft enables individual potential distribution and supply

Key commercial data

package_quantity	50
GTIN	4017918068448

Technical data

General

Number of levels	1
Number of connections	4
Color	blue
Insulating material	PA
Inflammability class according to UL 94	V2

General

Maximum load current	32 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 (the maximum load current must not be exceeded by the total current of all connected conductors)
Nominal voltage U_N	630 V
Open side panel	ja
Number of positions	1

Dimensions

Width	6.2 mm
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Technical data

Dimensions

Length	63.5 mm
Height NS 35/7,5	47 mm
Height NS 35/15	54.5 mm
Height NS 32	52.5 mm

Connection data

Note	Terminal point
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.	1.5 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.	0.2 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.	1 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.	2.5 mm ²
Cross section with insertion bridge, stranded max.	2.5 mm ²
Connection method	Screw connection
Stripping length	8 mm
Internal cylindrical gage	A3
Screw thread	M3
Tightening torque, min	0.5 Nm
Tightening torque max	0.6 Nm

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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

CSA / UL Recognized / cUL Recognized / GOST / GL / DNV / UL Recognized / RS / PRS / GOST / cULus Recognized / BV /

Approval details

Usegroups	B	C	D	
Nominal voltage UN	300 V	300 V	600 V	600 V
Nominal current IN	25 A	25 A	5 A	10 A
mm ² /AWG/kcmil	22-10	22-10	22-10	

Nominal voltage UN	600 V
Nominal current IN	35 A
mm ² /AWG/kcmil	30-10

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approvals

cUL Recognized

Usegroups	B	C	D
Nominal voltage UN	300 V	300 V	600 V
Nominal current IN	30 A	30 A	5 A
mm ² /AWG/kcmil	30-10	30-10	30-10

GOST

GL

DNV

Usegroups	B	C	D	
Nominal voltage UN	300 V	300 V	600 V	600 V
Nominal current IN	30 A	30 A	5 A	35 A
mm ² /AWG/kcmil	30-10	30-10	30-10	30-10

RS

PRS

cULus Recognized

BV

accessories

End cover

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accessories

D-UDK 4 BU - 2775197



D-UDK 4 - 2775113



Warning label printed

WS 3- 6 - 1004115



WS 5- 6 - 1004403



WS 4- 6 - 1004209



Bridge

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accessories

FB-150 METER - 0201595



LB 10-6 BU - 0202280



LB 10-6 GY - 0202358



LB 100-6 GY - 0202345



LB 100-6 RD - 0202316



LB 100-6 BU - 0202303



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accessories

LB 10-6 RD - 0202293



FBI 100- 6 - 0201650



FBI 10- 6 - 0203250



FBI 20- 6 - 0201867



EB 3- 6 - 0201142



Feed-through terminal block - UDK 4 BU - 2775090

accessories

EB 2- 6 - 0201155



EB 10- 6 - 0201139



USBR 2-7 - 2303239



USBRJ 2-7 - 2305538



SBRN 2-7 - 1413230



Short-circuit connector

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accessories

KSS 3- 6 - 0309523



KSS 6 - 0301547



Test plug terminal block

RPS - 0201647



Partition plate

TS-KK 3 - 2770215



Terminal marking

SBS 6:UNBEDRUCKT - 1007222



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accessories

ZB 6:UNBEDRUCKT - 1051003



UC-TM 6 - 0818085



UCT-TM 6 - 0828736



Insulating sleeve

IS-K 4 - 1302338



ISSBI 10- 6 - 0301505



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



Feed-through terminal block - UDK 4 BU - 2775090

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



Labeled terminal marker

ZB 6 CUS - 0824992



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accessories

UC-TM 6 CUS - 0824589



UCT-TM 6 CUS - 0829602



End block

CLIPFIX 35 - 3022218



CLIPFIX 35-5 - 3022276



E/NS 35 N - 0800886



Feed-through terminal block - UDK 4 BU - 2775090

accessories

E/UK - 1201442



E/UK 1 - 1201413



Test socket

PSBJ 3/13/4 - 0201304

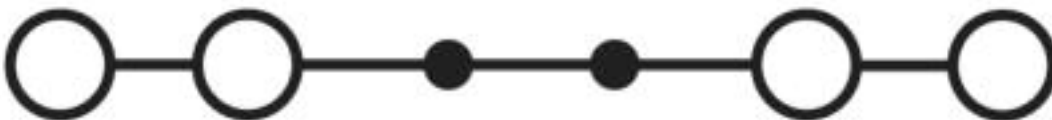


PSB 3/10/4 - 0601292



Drawings

Circuit diagram



1 = cover
2 = fixed bridge, for cross-connections in the terminal center, screw heads with insulating collar
3 = fixed bridge, for cross-connections in the terminal center, with crimped-on rollers
4 = insertion bridge
5 = isolator bridge bar
6 = bridge bar isolator
7 = switch bar for 2 terminal blocks
8 = separating plate

