

## Feed-through terminal block - UDK 4 - 2775016

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1-level terminal block with double connection on both sides, cross section: 0.2 - 2.5 mm<sup>2</sup>, AWG: 30 - 10, width: 6.2 mm, color: 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	4017918068363

### Technical data

#### General

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

#### General

Maximum load current	32 A (with 6 mm <sup>2</sup> 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 <sub>N</sub>	32 A (the maximum load current must not be exceeded by the total current of all connected conductors)
Nominal voltage U <sub>N</sub>	630 V
Open side panel	ja
Number of positions	1

#### Dimensions

Width	6.2 mm
Length	63.5 mm
Height NS 35/7,5	47 mm

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## Technical data

### Dimensions

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 <sup>2</sup>
Conductor cross section solid max.	6 mm <sup>2</sup>
Conductor cross section AWG/kcmil min.	24
Conductor cross section AWG/kcmil max	10
Conductor cross section stranded min.	0.2 mm <sup>2</sup>
Conductor cross section stranded max.	4 mm <sup>2</sup>
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 <sup>2</sup>
Conductor cross section stranded, with ferrule without plastic sleeve max.	4 mm <sup>2</sup>
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.25 mm <sup>2</sup>
Conductor cross section stranded, with ferrule with plastic sleeve max.	1.5 mm <sup>2</sup>
2 conductors with same cross section, solid min.	0.2 mm <sup>2</sup>
2 conductors with same cross section, solid max.	1 mm <sup>2</sup>
2 conductors with same cross section, stranded min.	0.2 mm <sup>2</sup>
2 conductors with same cross section, stranded max.	1.5 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.5 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	1 mm <sup>2</sup>
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	0.25 mm <sup>2</sup>
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	1.5 mm <sup>2</sup>
Cross section with insertion bridge, solid max.	2.5 mm <sup>2</sup>
Cross section with insertion bridge, stranded max.	2.5 mm <sup>2</sup>
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

## 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

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

### 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 <sup>2</sup> /AWG/kcmil	22-10	22-10	22-10	22-1

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

GL

BV

DNV

RS

PRS

cULus Recognized
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accessories

**End cover**

D-UDK 4 - 2775113



**Warning label printed**

WS 3- 6 - 1004115



## Feed-through terminal block - UDK 4 - 2775016

accessories

WS 5- 6 - 1004403



WS 4- 6 - 1004209



### Bridge

FB-150 METER - 0201595



LB 10-6 BU - 0202280



LB 10-6 RD - 0202293



## Feed-through terminal block - UDK 4 - 2775016

### accessories

LB 10-6 GY - 0202358



LB 100-6 GY - 0202345



LB 100-6 RD - 0202316



LB 100-6 BU - 0202303



FBI 100- 6 - 0201650



FBI 10- 6 - 0203250



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## accessories

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FBI 20- 6 - 0201867



EB 3- 6 - 0201142



EB 2- 6 - 0201155



EB 10- 6 - 0201139



SBRN 2-7 - 1413230



## Feed-through terminal block - UDK 4 - 2775016

### accessories

USBR 2-7 - 2303239



USBRJ 2-7 - 2305538



### Short-circuit connector

KSS 3- 6 - 0309523



KSS 6 - 6 - 0301547



### Test plug terminal block

RPS - 0201647



### Partition plate



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## accessories

TS-KK 3 - 2770215



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## Terminal marking

SBS 6:UNBEDRUCKT - 1007222



ZB 6:UNBEDRUCKT - 1051003



UC-TM 6 - 0818085



UCT-TM 6 - 0828736



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## Insulating sleeve

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accessories

IS-K 4 - 1302338



ISSBI 10- 6 - 0301505



### Mounting rail

NS 32 PERF 2000MM - 1201002



NS 32 UNPERF 2000MM - 1201015



NS 35/ 7,5 PERF 2000MM - 0801733



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### 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



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accessories

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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 - UDK 4 - 2775016

### 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 - UDK 4 - 2775016

accessories

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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 - UDK 4 - 2775016

### accessories

CLIPFIX 35-5 - 3022276



E/NS 35 N - 0800886



E/UK - 1201442



E/UK 1 - 1201413



### **Test socket**

PSBJ 3/13/4 - 0201304



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accessories

PSB 3/10/4 - 0601292



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## Drawings

Circuit diagram



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