

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

Packing unit	1 pc
GTIN	 4 017918 068448
Weight per Piece (excluding packing)	15.5 g
Custom tariff number	85369010
Country of origin	China

Technical data

General

Number of levels	1
Number of connections	4
Nominal cross section	4 mm ²
Color	blue
Insulating material	PA
Flammability rating according to UL 94	V2
Rated surge voltage	8 kV
Degree of pollution	3

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Technical data

General

Overvoltage category	III
Insulating material group	I
Connection in acc. with standard	IEC 60947-7-1
Maximum load current	32 A (In the case of a 6 mm ² conductor cross section, the maximum load current must not be exceeded by the total current of all connected conductors)
Nominal current I _N	32 A (with 6 mm ² conductor cross section)
Nominal voltage U _N	630 V
Open side panel	Yes

Dimensions

Width	6.2 mm
End cover width	1.5 mm
Length	63.5 mm
Height NS 35/7,5	47 mm
Height NS 35/15	54.5 mm
Height NS 32	52 mm

Connection data

Note	Terminal point
Connection method	Screw connection
Connection in acc. with standard	IEC 60947-7-1
Conductor cross section solid min.	0.2 mm ²
Conductor cross section solid max.	6 mm ²
Conductor cross section AWG min.	24
Conductor cross section AWG max.	10
Conductor cross section flexible min.	0.2 mm ²
Conductor cross section flexible max.	4 mm ²
Min. AWG conductor cross section, flexible	24
Max. AWG conductor cross section, flexible	12
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.25 mm ²
Conductor cross section flexible, with ferrule without plastic sleeve max.	4 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.25 mm ²
Conductor cross section flexible, with ferrule with 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
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

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Connection data

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
Stripping length	8 mm
Internal cylindrical gage	A3
Screw thread	M3
Tightening torque, min	0.5 Nm
Tightening torque max	0.6 Nm

Standards and Regulations

Connection in acc. with standard	CSA
	IEC 60947-7-1
Flammability rating according to UL 94	V2

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
eCl@ss 9.0	27141120

ETIM

ETIM 2.0	EC000897
ETIM 3.0	EC000897
ETIM 4.0	EC000897
ETIM 5.0	EC000897

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Classifications

UNSPSC

UNSPSC 6.01	30211811
UNSPSC 7.0901	39121410
UNSPSC 11	39121410
UNSPSC 12.01	39121410
UNSPSC 13.2	39121410

Approvals

Approvals


Approvals


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

Ex Approvals

Approvals submitted

Approval details

CSA 			
	B	C	D
mm ² /AWG/kcmil	22-10	22-10	22-10
Nominal current I _N	25 A	25 A	5 A
Nominal voltage U _N	300 V	300 V	600 V

UL Recognized 	
mm ² /AWG/kcmil	30-10
Nominal current I _N	30 A
Nominal voltage U _N	600 V

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Approvals

cUL Recognized			
	B	C	D
mm ² /AWG/kcmil	30-10	30-10	30-10
Nominal current I _N	30 A	30 A	5 A
Nominal voltage U _N	300 V	300 V	600 V

GL

RS

PRS

DNV

EAC

EAC

UL Recognized			
	B	C	D
mm ² /AWG/kcmil	30-10	30-10	30-10
Nominal current I _N	30 A	30 A	5 A
Nominal voltage U _N	300 V	300 V	600 V

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Drawings

Circuit diagram



1 = cover

2 = fixed bridge, for cross-connections in the terminal center, screw heads with insulating collar

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- 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
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