# Feed-through terminal block - UDK 4-DIO-Z 2,7V/L-R/P-P - 2775281

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The figure shows the UDK 4 terminal block

Single-level terminal block with two-sided double connection and built-in diode, cross section: 0.2 - 2.5 mm², 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

| | |
|---|---|
| Packing unit | 1 pc |
| Weight per Piece (excluding packing) | 15.28 GRM |
| Custom tariff number | 85369010 |
| Country of origin | Poland |

## Technical data

### General

| | |
|---|---|
| Number of levels | 1 |
| Number of connections | 4 |
| Color | gray |
| Insulating material | PA |
| Inflammability class according to UL 94 | V2 |
| Maximum load current | 10 mA (the maximum current is determined by the diode) |
| 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 |
| Maximum load current (lower level) | 10 mA |
| Additional text | the maximum current is determined by the diode |

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## Technical data

### General

| | |
|---|---|
| Nominal current $I_N$ (lower level) | 10 mA (the maximum current is determined by the diode) |
| Additional text | the maximum current is determined by the diode |
| Nominal voltage $U_N$ | 10 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 |
| Height NS 35/15 | 54.5 mm |
| Height NS 32 | 52 mm |

### Connection data

| | |
|---|---|
| Note | Terminal point |
| Connection in acc. with standard | IEC 60947-7-1 |
| Connection method | Screw connection |
| Conductor cross section solid min. | 0.2 mm² |
| Conductor cross section solid max. | 6 mm² |
| Conductor cross section AWG/kcmil min. | 24 |
| Conductor cross section AWG/kcmil max | 10 |
| Conductor cross section stranded min. | 0.2 mm² |
| Conductor cross section stranded max. | 4 mm² |
| 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 mm² |
| Conductor cross section stranded, with ferrule without plastic sleeve max. | 4 mm² |
| Conductor cross section stranded, with ferrule with plastic sleeve min. | 0.25 mm² |
| Conductor cross section stranded, with ferrule with plastic sleeve max. | 1.5 mm² |
| Cross section with insertion bridge, solid max. | 2.5 mm² |
| Cross section with insertion bridge, stranded max. | 2.5 mm² |
| 2 conductors with same cross section, solid min. | 0.2 mm² |
| 2 conductors with same cross section, solid max. | 1 mm² |
| 2 conductors with same cross section, stranded min. | 0.2 mm² |
| 2 conductors with same cross section, stranded max. | 1.5 mm² |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. | 0.5 mm² |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. | 1 mm² |

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## Technical data

### Connection data

| | |
|---|---|
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, min. | 0.25 mm² |
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, max. | 1.5 mm² |
| Cross section with insertion bridge, solid max. | 2.5 mm² |
| Cross section with insertion bridge, stranded max. | 2.5 mm² |
| 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

| | |
|---|---|
| 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

### Approvals

# Feed-through terminal block - UDK 4-DIO-Z 2,7V/L-R/P-P - 2775281

## Approvals

Approvals

GOST / GOST

Ex Approvals

Approvals submitted

## Approval details

GOST

GOST

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