

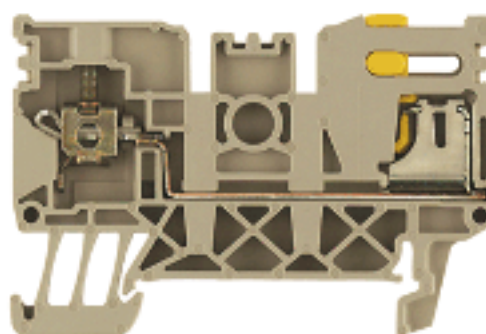
Excellent Integrated System Limited

Stocking Distributor

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[Weidmüller](#)
[1792730000](#)

For any questions, you can email us directly:
sales@integrated-circuit.com


General ordering data

| | |
|------------------|---|
| Order No. | 1792730000 |
| Part designation | IDU 1.5N/ZB |
| Version | Special terminal, special connections, 1.5 mm ² , Insulation displacement connection, Wemid, dark beige, TS 35 |
| EAN | 4032248281749 |
| Qty. | 100 pc(s). |

Product notes

| | |
|----------------------|---|
| Note, technical data | Conductor < 0.5mm ² / AWG 24 with IRH 1.5Continuous current of cross-connection: 32A (to power supply) |
|----------------------|---|

PT OKIECEEx/ATEX rating data

| | |
|--------------------------------------|---|
| EU-type examination certificate | KEMA02ATEX2241U |
| Download, German | KEMA02ATEX2241U_d.pdf |
| Download English | KEMA02ATEX2241U_e.pdf |
| ATEX voltage | 275 V |
| ATEX current | 15 A |
| ATEX conductor cross-section | 1.5 mm ² |
| Voltage when using cross-connections | CrossConnectionGuide.pdf |
| Operating temperature range | Einsatztemperaturbereich siehe EG- Baumusterprüfbescheinigung/IECEX-Certificate of Conformity |
| Marking EN 60079-7 | Ex e II |
| Marking ATEX Directive 94/9/EC | Ex II 2 G D |

Additional technical data

| | |
|---------------------------------|------------|
| Colour of insulating material | dark beige |
| Connection direction | top |
| End plate required | Yes |
| Explosion-tested version "Ex e" | Yes |
| Installation advice | TS 35 |
| Insulating material | Wemid |

Additional technical data

| | |
|--|------------------------------------|
| Levels cross-connected internally | No |
| No. of identical terminals | 1 |
| No. of levels | 1 |
| No. of terminal strips per level | 2 |
| Open sides | right |
| Operating temperature range | - 50 °C, + 120 °C |
| Product family | I-Series |
| Type of connection | Insulation displacement connection |
| Type of mounting | Snap-on |
| UL 94 flammability rating of insulation material | V-0 |
| Version | Hybrid terminal |

CSA rating data

| | |
|--------------------------|--------|
| Voltage (CSA) | 300 V |
| CSA current | 10 A |
| Min. cross-section (CSA) | AWG 24 |
| Max. cross-section (CSA) | AWG 16 |

Conductors for clamping (additional connection)

| | |
|--|----------------------|
| Clamping range, min. | 0.13 mm ² |
| Clamping range, max. | 4 mm ² |
| Rated current | 17.5 A |
| Type of connection | Screw connection |
| Connection direction | on side |
| No. of connections | 1 |
| Stripping length (B1) | 10 mm |
| Clamping screw | M 2.5 |
| Blade size | 0.6 x 3.5 mm |
| Tightening torque range | 0.4...0.6 Nm |
| Gauge to IEC 60947-1 | A3 |
| Solid, min. | 0.5 mm ² |
| Solid, max. | 4 mm ² |
| Flexible, min. | 0.5 mm ² |
| Flexible, max. | 4 mm ² |
| Flexible with ferrule, min. (DIN 46228 pt 1) | 0.5 mm ² |
| Flexible with ferrule, max. (DIN 46228 pt 1) | 2.5 mm ² |
| Flexible, min., ferrule with plastic collar (DIN 46228 pt 4) | 0.5 mm ² |
| Flexible, max., ferrule with plastic collar (DIN 46228 pt 4) | 2.5 mm ² |
| AWG conductor size, min. | AWG 26 |
| AWG conductor size, max. | AWG 12 |
| AWG conductor size, min. | 0.13 mm ² |
| AWG conductor size, max. | 3.31 mm ² |

Conductors for clamping (rated connection)

| | |
|----------------------|------------------------------------|
| Clamping range, min. | 0.21 mm ² |
| Clamping range, max. | 1.5 mm ² |
| Type of connection | Insulation displacement connection |
| Connection direction | top |

Conductors for clamping (rated connection)

| | |
|--------------------------|----------------------|
| No. of connections | 1 |
| Blade size | 0.6 x 3.5 mm |
| Solid, min. | 0.21 mm ² |
| Solid, max. | 1.5 mm ² |
| Flexible, min. | 0.21 mm ² |
| Flexible, max. | 1.5 mm ² |
| AWG conductor size, min. | AWG 24 |
| AWG conductor size, max. | AWG 16 |
| AWG conductor size, min. | 0.21 mm ² |
| AWG conductor size, max. | 1.31 mm ² |

Dimensions

| | |
|--------------------------|---------|
| Width | 5.1 mm |
| Height of lowest version | 40.5 mm |
| Length | 59.5 mm |
| Weight | 40.5 g |
| TS 35 offset | 33.5 mm |

Mounting rail

| | |
|---------------------|-----------------------------|
| Installation advice | TS 35 |
| Length | 59.5 mm |
| Standards | IEC 60947-7-1 / IEC 60352-4 |

Rating data

| | |
|-----------------------|-----------------------------|
| Rated cross-section | 1.5 mm ² |
| Rated voltage | 500 V |
| Rated impulse voltage | 6 kV |
| Rated current | 17.5 A |
| Standards | IEC 60947-7-1 / IEC 60352-4 |
| Pollution severity | 3 |

UL rating data

| | |
|-------------------------|--------|
| Voltage (UL) | 300 V |
| Current (UL) | 10 A |
| Min. cross-section (UL) | AWG 24 |
| Max. cross-section (UL) | AWG 16 |

Approvals

Approvals institutes



Downloads

STEP 1792730000_32838_IDU_1.5N-ZB_STP.stp

Classifications

| | |
|------------|-------------|
| ETIM 2.0 | EC000897 |
| ETIM 3.0 | EC000897 |
| eClass 4.1 | 27-14-11-31 |
| eClass 5.0 | 27-14-11-31 |
| eClass 5.1 | 27-14-11-31 |

Similar products

| Order No. | Part designation | Version |
|------------|--------------------|---|
| 1806170000 | IDU 1.5N/3AN/ZB | Special terminal, special connections, 1.5 mm ² , Insulation displacement connection, Wemid, dark beige, TS 35 |
| 1819480000 | IDU 1.5N/3AN/ZB BL | Special terminal, special connections, 1.5 mm ² , Insulation displacement connection, Wemid, blue, TS 35 |
| 1806150000 | IDU 1.5N/3AN/ZF | Special terminal, special connections, 1.5 mm ² , Insulation displacement connection, Wemid, dark beige, TS 35 |
| 1819470000 | IDU 1.5N/3AN/ZF BL | Special terminal, special connections, 1.5 mm ² , Insulation displacement connection, Wemid, blue, TS 35 |
| 1792740000 | IDU 1.5N/ZB BL | Special terminal, special connections, 1.5 mm ² , Insulation displacement connection, Wemid, blue, TS 35 |
| 1792700000 | IDU 1.5N/ZF | Special terminal, special connections, 1.5 mm ² , Insulation displacement connection, Wemid, dark beige, TS 35 |
| 1792710000 | IDU 1.5N/ZF BL | Special terminal, special connections, 1.5 mm ² , Insulation displacement connection, Wemid, blue, TS 35 |