



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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General ordering data

| | |
|------------------|---|
| Order No. | 1037700000 |
| Part designation | WDU 2.5 PA/VI |
| Version | Feed-through terminal, 2.5 mm ² , Screw connection, PA 66, violet, TS 35 |
| EAN | 4008190455163 |
| Qty. | 100 pc(s). |

Product notes

| | |
|---------------------|---|
| Product description | Their small size compared to the respective rated cross-section makes the modular terminals with the compact design very popular. |
|---------------------|---|

PT OKIECEEx/ATEX rating data

| | |
|--------------------------------------|---|
| EU-type examination certificate | KEMA98ATEX1683U |
| Download, German | KEMA98ATEX1683U_d.pdf |
| Download English | KEMA98ATEX1683U_e.pdf |
| IECEEx Certificate of Conformity | IECEXULD05.0008U |
| ATEX voltage | 550 V |
| ATEX current | 21 A |
| ATEX conductor cross-section | 2.5 mm ² |
| IECEEx voltage | 550 V |
| IECEEx current | 20 A |
| IECEEx conductor cross-section | 2.5 mm ² |
| Voltage when using cross-connections | CrossConnectionGuide.pdf |
| Operating temperature range | For operating temperature range see EC Design Test Certificate / IEC Ex-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 | violet |
| Connection direction | on side |
| End plate required | Yes |
| Explosion-tested version "Ex e" | Yes |
| Installation advice | TS 35 |
| Insulating material | PA 66 |
| 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, + 100 °C |
| Product family | W-Series |
| Type of connection | Screwed |
| Type of mounting | Snap-on |
| UL 94 flammability rating of insulation material | V2 |
| Version | Feed-through terminal |

Conductors for clamping (additional connection)

| | |
|--|---------------------|
| Flexible with ferrule, min. (DIN 46228 pt 1) | 0.5 mm ² |
|--|---------------------|

Conductors for clamping (additional connection)

Flexible with ferrule, max. (DIN 46228 pt 1) 2.5 mm²

Conductors for clamping (rated connection)

Clamping range, min. 0.05 mm²

Type of connection Screw connection

2nd type of connection screwed

Connection direction on side

No. of connections 2

Torque level with DMS electric screwdriver 1

Solid, min. 0.5 mm²

Solid, max. 4 mm²

Stranded, min. 1.5 mm²

Stranded, max. 4 mm²

Flexible, min. 0.5 mm²

Flexible, max. 4 mm²

Flexible with ferrule, min. (DIN 46228/1) 0.5 mm²

Flexible with ferrule, max. (DIN 46228/1) 2.5 mm²

Flexible, min., ferrule with plastic collar (DIN 46228 pt 4) 0.5 mm²

Flexible, max., ferrule with plastic collar (DIN 46228 pt 4) 2.5 mm²

Twin wire-end ferrule, min. 0.5 mm²

Twin wire end ferrule, max. 1.5 mm²

AWG conductor size, min. AWG 30

AWG conductor size, max. AWG 12

AWG conductor size, min. 0.05 mm²

AWG conductor size, max. 3.31 mm²

Dimensions

Width 5.1 mm

Height of lowest version 47 mm

Length 60 mm

Weight 8.62 g

TS 35 offset 32 mm

Disconnect terminals

Torque level with DMS electric screwdriver 1

Rating data

Rated cross-section 2.5 mm²

Rated voltage 800 V

Rated current 24 A

Approvals

Approvals institutes



Classifications

| | |
|------------|-------------|
| eClass 4.1 | 27-14-11-20 |
| eClass 5.0 | 27-14-11-20 |
| eClass 5.1 | 27-14-11-20 |

Similar products

| Order No. | Part designation | Version |
|------------|-------------------|---|
| 1020000000 | WDU 2.5 | Feed-through terminal, 2.5 mm ² , Screw connection, Wemid, dark beige, TS 35 |
| 1020080000 | WDU 2.5 BL | Feed-through terminal, 2.5 mm ² , Screw connection, Wemid, blue, TS 35 |
| 1020090000 | WDU 2.5 GN | Feed-through terminal, 2.5 mm ² , Screw connection, Wemid, green, TS 35 |
| 1020010000 | WDU 2.5 SW | Feed-through terminal, 2.5 mm ² , Screw connection, Wemid, black, TS 35 |
| 1020020000 | WDU 2.5 GE | Feed-through terminal, 2.5 mm ² , Screw connection, Wemid, yellow, TS 35 |
| 1037720000 | WDU 2.5 GR | Feed-through terminal, 2.5 mm ² , Screw connection, Wemid, grey, TS 35 |
| 1036800000 | WDU 2.5 WS | Feed-through terminal, 2.5 mm ² , Screw connection, Wemid, white, TS 35 |
| 1020700000 | WDU 2.5/10 BEZ | Feed-through terminal, 2.5 mm ² , Screw connection, Wemid, dark beige, TS 35 |
| 1020800000 | WDU 2.5/10 BEZ/NE | Feed-through terminal, 2.5 mm ² , Screw connection, Wemid, dark beige, TS 35 |
| 1020050000 | WDU 2.5 WAP/GG | Feed-through terminal, 2.5 mm ² , Screw connection, Wemid, green/yellow, TS 35 |
| 1024700000 | WDU 2.5/1.5/ZR | Feed-through terminal, 2.5 mm ² , Screw connection, Wemid, dark beige, TS 35 |
| 1024780000 | WDU 2.5/1.5/ZR BL | Feed-through terminal, 2.5 mm ² , Screw connection, Wemid, blue, TS 35 |