# Component Housings

**Weidmuller DK 4 and DKT 4 modular terminals** are suitable for the installation of electronic components with a maximum diameter or width of 4.5 mm. Four independent clamping yoke screw connections are available for this purpose. A snap-on contour frame expands the installation space in the DK 4 by 6 mm. Depending on type, these modular terminals are suitable for mounting on TS 32, TS 35 x 7.5 or TS 35 x 15 mounting rails according to European Standards EN 50035 and EN 50022.

**Weidmuller WDK 2.5 modular terminals** are suitable for the installation of electronic components with a maximum width of 4 mm. Up to four independent clamping yoke screw connections or four 6.3 x 0.8 tab connections are available for this purpose. These modular terminals are suitable for mounting on TS 35 x 7.5 or TS 35 x 15 mounting rails.

**Weidmuller EG 1 housings** have four screw connections and, as accessories, up to four 0.8 x 2.8 or 0.8 x 4.8 mm solder/tab connections on a width of 18 mm. The screw clamp busbar ends with a solder ring inside the housing. Two end plates seal the module. Depending on type, the modules are mounted on TS 32, TS 35 x 7.5 or TS 35 x 15 mounting rails.

**Weidmuller EG 2 housings** — The external shape of these housings corresponds to Type EG 1. Four screw connections or up to eight 0.8 x 6.3 mm / 0.8 x 2.8 mm tab connectors are connected with a printed circuit board in the housing. They can be mounted on TS 32, TS 35 x 7.5 or TS 35 x 15 mounting rails.

**Weidmuller EG 3 housings** provide six screw connections or twelve 0.8 x 6.3 mm / 0.8 x 2.8 mm tab connections on a width of 22.5 mm. As an accessory, Weidmuller offers a speed printed circuit board with a 2.54 mm hole pitch or fully copper-coated. The engageable combination foot allows the terminals to be mounted on TS 32, TS 35 x 7.5 or TS 35 x 15 mounting rails. The MPL mounting plate is used to mount the housing directly (without mounting rail). Due to the sliding foot construction, the EG 3 can be turned through 180° in all types of assembly (e.g. exchanging input and output).

**Weidmuller EG 4 housing**, like Type EG 3, offers a width of 22.5 mm. However, the greater installation depth (75 mm) and height (109 mm) allow the installation of more complex circuit configurations. The installed circuit can be connected via six screw connections.
The engageable combination foot allows the terminals to be mounted on TS 32, TS 35 x 7.5 or TS 35 x 15 mounting rails. Due to the sliding foot construction, the EG 4 can be slid 6 mm forwards or backwards on the engaging foot and can be turned through 180° (e.g. exchanging input and output).

**Weidmuller EG 5 housings** — The external dimensions of these housings correspond to Type EG 4. The EG 5 has twelve screw connections which can be wired with solder lugs inside the housing. The engageable combination foot allows the terminals to be mounted on TS 32, TS 35 x 7.5 or TS 35 x 15 mounting rails. Due to the sliding foot construction, the EG 4 can be slid 6 mm forwards or backwards on the engaging foot and can be turned through 180° (e.g. exchanging input and output).

**Weidmuller RS 70 individual parts for rail mounting** — The end sections can be engaged to form units up to 20 mm wide. Any desired intermediate spacers or feet can be connected between two side pieces (fixing feet) at intervals of 5 mm. In this way, a carrier module is constructed for a printed circuit board on which various components can be soldered. The module snaps onto TS 32, TS 35 x 7.5 or TS 35 x 15 mounting rails.

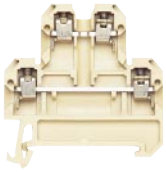
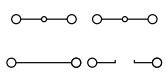
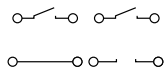
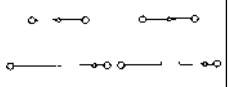
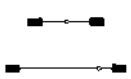
**Weidmuller rail-mounted profiles** — The RS 45, RS 80 and RS 100 profiles are available as 2 m long strips. The extruded profiles can be easily cut to any length with a saw. In this way, a carrier module is constructed for a printed circuit board on which various components can be soldered. The fixing feet can be slid into these profiles for mounting on TS 32, TS 35 x 7.5 or TS 35 x 15 mounting rails. The sliding foot construction of the RS 80 also allows the fixing foot to be turned through 180°.

**The Wavebox is characterized by:**

- Optimal width for any application (12.5 mm, 17.5 mm, 22.5 mm, 45 mm)
- Large component assembly
- UL94 Flammability class V2
- No tools required for assembly
- Plug-in printed circuit board
- Plug-in cross-connection via ZQV 2.5 N
- Hinged, transparent cover
- BLZ 5.08 screw/plug and socket connector
- BLZF 5.08 optional tension clamp/plug and socket connector
- Marking option with WS tags
- Suitable for snap-fitting on TS 35

## Modular Terminals

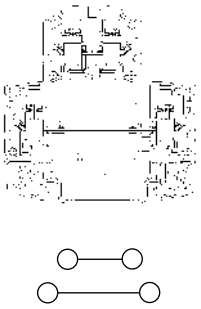
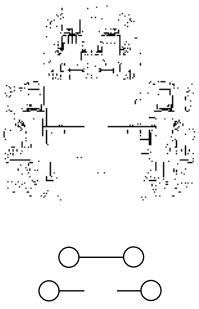
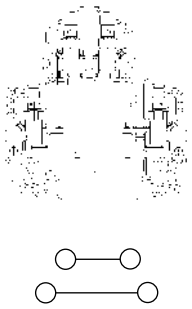
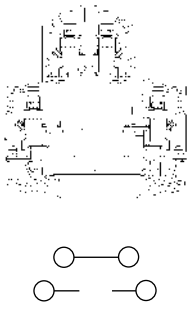
| | | |
|---|---|---|
| **Dimensions** | | |
| Terminal width (+ 0.2 assembly tolerance) | | |
| Insulation stripping length | | |
| **Connection Data** | | |
| Screw connection, solid strand | | |
| Screw connection, flexible strand | | |
| Conductor cross-section | | |
| **VDE rated Data** | | |
| Rated wire size | | |
| Rated voltage | | |
| Rated current | | |
| Power loss | | |
| **Connection diagram** | | |
| **Ordering Data** | | |
| Modular terminal used to widen component area | For TS 32 ⊏⊐ | **Type** **Part No.** |
| | For TS 35 ⊐⊏ | **Type** **Part No.** |
| Contour frame used to widen component area (6 mm width) | For TS 32 ⊏⊐ | **Type** **Part No.** |
| | For TS 35 ⊐⊏ | **Type** **Part No.** |
| **Accessories** | | |
| Mounting rail (2 m long) | | |
| End bracket (thickness mm) | | For TS 32<br>For TS 35 |
| End plate (thickness mm) | | |
| Small partition | | |
| Socket for test plug | | |
| Test plug (pin diameter) | | |
| Jumpers (preassembled) | | 2-pole<br>3-pole<br>4-pole<br>10-pole |
| Switchable jumper bracket | | |
| Connection sleeve | | |
| Screw | | |
| Cover plate (4 terminals) | | |
| Screw (plastic) | | |
| Jumper bridge | | |

| DK 4 | DKT 4 | WDK 2.5 | | WDK 2.5 F | WDK 2.5 FF | |
|---|---|---|---|---|---|---|
|  |  |  | |  |  | |
| 6 mm | 6 mm | 5 mm | 5 mm | 5 mm | 5 mm | |
| 9 mm | 9 mm | 10 mm | 10 mm | 10 mm | – | |
| | | | | | | |
| | | | | | | |
| 0.5…4 mm² | 0.5…4 mm² | 0.5…4 mm² | 0.5…4 mm² | 0.5…4 mm² | | |
| 0.5…4 mm² | 0.5…4 mm² | 0.5…2.5 mm² | 0.5…2.5 mm² | 0.5…2.5 mm² | | |
| AWG #22…12 | AWG #22…17 | AWG #26…4 | AWG #26…4 | AWG #26…4 | | |
| | | | | | | |
| | | | | | | |
| 4 mm² | 4 mm² | 2.5 mm² | | 2.5 mm² | 1 mm² | |
| 380 VAC | 380 VAC | 380 VAC | | 380 VAC | 380 VAC | |
| 10 A | 10 A | 26 A | | 12 A (2 x 6A) | 12 A (2 x 6 A) | |
| 0.5 W | 0.5 W | 0.5 W | | 0.5 W | 0.5 W | |
|  |  |  | |  |  | |
| DK 4 PA DK 4 PA<br>**204988** **111546** | DKT 4 PA DKT 4 PA<br>**68736** **111566** | | | | | |
| DK 4/35 PA DK 4/35 PA<br>**202684** **111556** | DKT 4 /35PA DKT 4/35 PA<br>**68746** **111576** | WDK 2.5 WDK 2.5<br>**102320** **102310** | | WDK 2.5 F<br>**102160** | WDK 2.5 FF<br>**102170** | |
| DK 4 RA DK 4 RA<br>**69096** **69096** | | | | | | |
| DK 4 RA/35 DK 4 RA/35<br>**69106** **69106** | | | | | | |
| **Type** **Part No.** | **Type** **Part No.** | **Type** | **Part No.** | **Type** **Part No.** | **Type** **Part No.** | |
| TS 32 **12280** | TS 32 **12280** | TS 35 x 7.5 | **38340** | TS 35 x 7.5 **38340** | TS 35 x 7.5 **38340** | |
| TS 35 x 7.5 **38340** | TS 35 x 7.5 **38340** | Slotted | **51450** | Slotted **51450** | Slotted **51450** | |
| TS 35 x 15 **49800** | TS 35 x 15 **49800** | TS 35 x 15 | **49800** | TS 35 x 15 **49800** | TS 35 x 15 **49800** | |
| EWK 1 (8.5) **20616** | EWK 1 (8.5) **20616** | | | | | |
| EW 35 (8.5) **38356** | EW 35 (8.5) **38356** | EW 35 (8.5) | **38356** | EW 35 (8.5) **38356** | EW 35 (8.5) **38356** | |
| AP PA (1.5) **35926** | AP PA (1.5) **68756** | WAP | **105910** | WAP **105910** | WAP **105910** | |
| TSch 4 **36336** | TSch 4 **36336** | | | | | |
| StB 8.5 **21570** | | | | | | |
| PS (ø 2.3) **18040** | | | | | | |
| Q 2 **33640** | | WQV 2.5 | **105366** | WQV 2.5 **105366** | WQV 2.5 **105366** | |
| Q 3 **33650** | | WQV 2.5 | **105376** | WQV 2.5 **105376** | WQV 2.5 **105376** | |
| Q 4 **33660** | | WQV 2.5 | **105386** | WQV 2.5 **105386** | WQV 2.5 **105386** | |
| Q 10 **36860** | | WQV 2.5 | **105446** | WQV 2.5 **105446** | WQV 2.5 **105446** | |
| VL 2 **44670** | | | | | | |
| VH 10 **44660** | | | | | | |
| BS M 2.5 x 14 **26680** | | | | | | |
| AD 4 **30340** | | | | | | |
| BSK M 2.5 x 18 **30330** | | | | | | |
| QB 2* **48270** | QB 2* **48270** | | | | | |
| QB 3* **48280** | QB 3* **48280** | | | | | |
| QB 4* **48290** | QB 4* **48290** | | | | | |
| QB 75 bare* **52640** | QB 75 blank* **52640** | | | | | |
| Insulation prof. **52670** | Insulation prof. **52670** | | | | | |

**When using QB: conductor connection = max. 2.5 mm²*

# W-Series

## WDK...N
## for electronic components

| | | WDK 2.5N E | WDK 2.5N E Split | WDK 4N E | WDK 4N E Split |
|---|---|---|---|---|---|
| | |  |  |  |  |
| | | Dual Level | Branch | Single Level & Ground | Branch Ground |
| **Available Options** | **Version** | **Part No.** | **Part No.** | **Part No.** | **Part No.** |
| | Wemid | **1041630000** | **1041640000** | **1041930000** | **1041940000** |
| **Dimensions** | | | | | |
| Width/length/height mm (in.) | with TS 35 x 7.5 ⌙ | 5/60/62 (0.20/2.36/2.44) | 5/60/62 (0.20/2.36/2.44) | 6/60/64 (0.24/2.36/2.52) | 6/60/64 (0.24/2.36/2.52) |
| Insulation stripping length | mm (in.) | 8 (.31) | 8 (.31) | 8 (.31) | 8 (.31) |
| **Technical Data** | | | | | |
| Rated voltage / rated current / wire size (AWG) | UL | 300 V / 10 A / #22…12 | 300 V / 10 A / #22…12 | 300 V / 10 A / 22…10 | 300 V / 10 A / 22…10 |
| | CSA | 300 V / 20 A / #26…12 | 300 V / 20 A / #26…12 | 300 V / 20 A / 26…10 | 300 V / 20 A / 26…10 |
| | VDE | – / – / 2.5 mm² | – / – / 2.5 mm² | – / – / 4 mm² | – / – / 4 mm² |
| Torque | Nm (lb. in.) | 0.51 (4.5) | 0.51 (4.5) | 1 (9.0) | 1 (9.0) |
| Clamping Screw | M | 2.5 | 2.5 | 3 | 3 |
| **End plate/partition** | | **Type / Part No.** | **Type / Part No.** | **Type / Part No.** | **Type / Part No.** |
|  | (Thickness 1.5 mm) Wemid | WAP **1084000000** | WAP **1084000000** | WAP **1084000000** | WAP **1084000000** |
| | Blue Wemid | WAP **1084080000** | WAP **1084080000** | WAP **1084080000** | WAP **1084080000** |
| | (Thickness 3.0 mm) Wemid | WAP **105880** | WAP **105880** | WAP **105880** | WAP **105880** |
| **Jumpers** | | | | | |
|  ZQV | 2-pole | ZQV 2.5N/2 **169380** | ZQV 2.5N/2 **169380** | | |
| | 3-pole | ZQV 2.5N/3 **169381** | ZQV 2.5N/3 **169381** | | |
| | 4-pole | ZQV 2.5N/4 **169382** | ZQV 2.5N/4 **169382** | | |
| | 10-pole | ZQV 2.5N/10 **169388** | ZQV 2.5N/10 **169388** | | |
|  WQB | 2-pole | | | ZQV 4N/2 **1758250000** | ZQV 4N/2 **1758250000** |
| | 3-pole | | | ZQV 4N/3 **1762630000** | ZQV 4N/3 **1762630000** |
| | 4-pole | | | ZQV 4N/4 **1762620000** | ZQV 4N/4 **1762620000** |
| | 10-pole | | | ZQV 4N/10 **1758260000** | ZQV 4N/10 **1758260000** |
|  Shield Bar LS 2.8 | | LS2.8 **105640** | LS2.8 **105640** | LS2.8 **105640** | LS2.8 **105640** |
| | | WQB B/24 **157906** | WQB B/24 **157906** | WQB B/24 **053520** | WQB B/24 **053520** |
| | | | | QB 75 **052670** | QB 75 **052670** |
| **Tools** | | | | | |
| | Screwdriver | SD **903701** | SD **903701** | SD **903701** | SD **903701** |
| **Marking tags** | **Print** | | | | |
| | Consecutive horizontal | DEK 5/5 **473460001** | DEK 5/5 **473460001** | DEK 5/5 **473460001** | DEK 5/5 **473460001** |
| | Consecutive vertical | DEK 5/5 **473560001** | DEK 5/5 **473560001** | DEK 5/5 **473560001** | DEK 5/5 **473560001** |

Note: Part numbers shown are for a single card of pre-printed tags numbered 1-50.

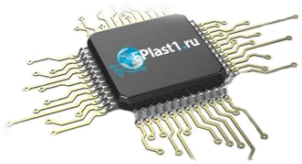
Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits,General Dynamics и др.);

Помимо этого, одним из направлений компании «ЭлектроПласт» является направление «Источники питания». Мы предлагаем Вам помощь Конструкторского отдела:

- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.




**Как с нами связаться**

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**Электронная почта:** org@eplast1.ru
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