

## 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 4.5mm. 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 6mm. Depending on type, these modular terminals are suitable for mounting on TS 32, TS 35x7.5 or TS 35x15 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 4mm. Up to four independent clamping yoke screw connections or four 6.3x0.8 tab connections are available for this purpose. These modular terminals are suitable for mounting on TS 35x7.5 or TS 35x15 mounting rails.

**Weidmuller EG 1 housings** have four screw connections and, as accessories, up to four 0.8x2.8 or 0.8x4.8mm solder/tab connections on a width of 18mm. 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 35x7.5 or TS 35x15 mounting rails.

**Weidmuller EG 2 housings** — The external shape of these housings corresponds to Type EG 1. Four screw connections or up to eight 0.8x6.3mm/0.8x2.8mm tab connectors are connected with a printed circuit board in the housing. They can be mounted on TS 32, TS 35x7.5 or TS 35x15 mounting rails.

**Weidmuller EG 3 housings** provide six screw connections or twelve 0.8x6.3mm/0.8x2.8mm tab connections on a width of 22.5mm. As an accessory, Weidmuller offers a speed printed circuit board with a 2.54mm hole pitch or fully copper-coated. The engageable combination foot allows the terminals to be mounted on TS 32, TS 35x7.5 or TS 35x15 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 22.5mm. However, the greater installation depth (75mm) and height (109mm) 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 35x7.5 or TS 35x15 mounting rails. Due to the sliding foot construction, the EG 4 can be slid 6mm 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 35x7.5 or TS 35x15 mounting rails. Due to the sliding foot construction, the EG 4 can be slid 6mm 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 20mm wide. Any desired intermediate spacers or feet can be connected between two side pieces (fixing feet) at intervals of 5mm. 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 35x7.5 or TS 35x15 mounting rails.

**Weidmuller RSX custom circuit modules** are largely prefabricated units which accept up to five components via soldering terminals, such as resistors, diodes, varistors or capacitors. The components are connected on screw clamps or tab connections. This module is also suitable for mounting on TS 32, TS 35x7.5 or TS 35x15 mounting rails.

**Weidmuller rail-mounted profiles** — The RS 45, RS 80 and RS 100 profiles are available as 2m 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 35x7.5 or TS 35x15 mounting rails. The sliding foot construction of the RS 80 also allows the fixing foot to be turned through 180°.

**Weidmuller EG 3, 4 & 5 housings** are available in a dark grey color with all the features of the standard housings for customer packaging of electronic modules.

## 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

		Type
Modular terminal used to widen component area	For TS 32	 <b>Cat. No.</b>
	For TS 35	 <b>Cat. No.</b>
Contour frame used to widen component area (6mm width)	For TS 32	 <b>Cat. No.</b>
	For TS 35	 <b>Cat. No.</b>

### Accessories

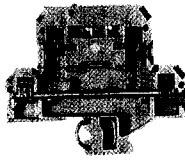
Mounting rail (2m long)	
End bracket (thickness mm)	For TS 32
	For TS 35
End plate (thickness mm)	
Small partition	
Socket for test plug	
Test plug (pin diameter)	
Jumpers (preassembled)	2-pole 3-pole 4-pole 10-pole
Switchable jumper bracket	
Connection sleeve	
Screw	
Cover plate (4 terminals)	
Screw (plastic)	
Jumper bridge	

Note: For mounting bases and brackets for printed circuit boards, see p. 5/5.

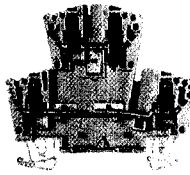
**DK 4**



**DKT 4**



**WDK 2.5**



**WDK 2.5 F**



**WDK 2.5 FF**



6mm 9mm	6mm 9mm	5mm 10mm	5mm 10mm	5mm 10mm	5mm -
0.5...4mm <sup>2</sup> 0.5...4mm <sup>2</sup> AWG #22...12	0.5...4mm <sup>2</sup> 0.5...4mm <sup>2</sup> AWG #22...17	0.5...4mm <sup>2</sup> 0.5...2.5mm <sup>2</sup> AWG #26...4	0.5...4mm <sup>2</sup> 0.5...2.5mm <sup>2</sup> AWG #26...4	0.5...4mm <sup>2</sup> 0.5...2.5mm <sup>2</sup> AWG #26...4	
4mm <sup>2</sup> 380VAC 10A 0.5W	4mm <sup>2</sup> 380VAC 10A 0.5W	2.5mm <sup>2</sup> 380VAC 26A 0.5W	2.5mm <sup>2</sup> 380VAC 12A (2 x 6A) 0.5W	1mm <sup>2</sup> 380VAC 12A (2 x 6A) 0.5W	
DK 4 PA <b>153790</b>	DK 4 PA <b>111546</b>	DKT 4 PA <b>68736</b>	DKT 4 PA <b>111566</b>		
DK 4/35 PA <b>202684</b>	DK 4/35 PA <b>111556</b>	DKT 4 /35PA <b>68746</b>	DKT 4/35 PA <b>111576</b>	WDK 2.5 <b>102320</b>	WDK 2.5 <b>102310</b>
DK 4 RA <b>69096</b>	DK 4 RA <b>69096</b>			WDK 2.5 F <b>102160</b>	WDK 2.5 FF <b>102170</b>
DK 4 RA/35 <b>69106</b>	DK 4 RA/35 <b>69106</b>				
<b>Type</b> TS 32 TS 35 x 7.5 TS 35 x 15 EWK 1 (8.5) EW 35 (8.5) AP PA (1.5) TSch 4 SiB 8.5 PS (ø 2.3) Q 2 Q 3 Q 4 Q 10 VL 2 VH 10 BS M 2.5 x 14 AD 4 BSK M 2.5 x 18 QB 2* QB 3* QB 4* QB 75 bare* Insulation prof.	<b>Cat. No.</b> <b>12280</b> <b>38340</b> <b>49800</b> <b>20616</b> <b>38356</b> <b>35926</b> <b>36336</b> <b>21570</b> <b>18040</b> <b>33640</b> <b>33650</b> <b>33660</b> <b>36860</b> <b>44670</b> <b>44660</b> <b>26680</b> <b>30340</b> <b>30330</b> <b>48270</b> <b>48280</b> <b>48290</b> <b>52640</b> <b>52670</b>	<b>Type</b> TS 35 x 7.5 Slotted TS 35 x 15 EW 35 (8.5) WAP	<b>Cat. No.</b> <b>38340</b> <b>51450</b> <b>49800</b> <b>38356</b> <b>105910</b>	<b>Type</b> TS 35 x 7.5 Slotted TS 35 x 15 EW 35 (8.5) WAP	<b>Cat. No.</b> <b>38340</b> <b>51450</b> <b>49800</b> <b>38356</b> <b>105910</b>
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\* When using QB: conductor connection = max. 2.5mm<sup>2</sup>