

Component Housings

Weidmüller 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.

Weidmüller 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.

Weidmüller 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.

Weidmüller 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.

Weidmüller 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, Weidmüller 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).

Weidmüller 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).

Weidmüller 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).

Weidmüller 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.

Weidmüller 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

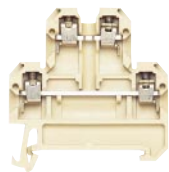
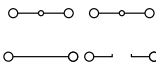
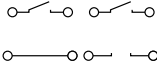
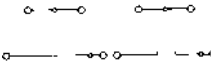
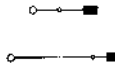
Connection diagram

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 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	

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 204988	DK 4 PA 111546	DKT 4 PA 68736	DKT 4 PA 111566			
DK 4/35 PA 202684	DK 4/35 PA 111556	DKT 4 /35 PA 68746	DKT 4/35 PA 111576	WDK 2.5 102320	WDK 2.5 102310	WDK 2.5 F 102160
DK 4 RA 69096	DK 4 RA 69096					WDK 2.5 FF 102170
DK 4 RA/35 69106	DK 4 RA/35 69106					
TypePart No.	TypePart No.	TypePart No.	TypePart No.	TypePart No.	TypePart No.	TypePart No.
TS 3212280	TS 3212280	TS 35 x 7.538340	TS 35 x 7.538340	TS 35 x 7.538340	TS 35 x 7.538340	TS 35 x 7.538340
TS 35 x 7.538340	TS 35 x 7.538340	Slotted51450	Slotted51450	Slotted51450	Slotted51450	Slotted51450
TS 35 x 1549800	TS 35 x 1549800	TS 35 x 1549800	TS 35 x 1549800	TS 35 x 1549800	TS 35 x 1549800	TS 35 x 1549800
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	EW 35 (8.5)38356	EW 35 (8.5)38356
AP PA (1.5)35926	AP PA (1.5)68756	WAP105910	WAP105910	WAP105910	WAP105910	WAP105910
TSch 436336	TSch 436336					
StB 8.521570						
PS (ø 2.3)18040						
Q 233640		WQV 2.5105366	WQV 2.5105366	WQV 2.5105366	WQV 2.5105366	WQV 2.5105366
Q 333650		WQV 2.5105376	WQV 2.5105376	WQV 2.5105376	WQV 2.5105376	WQV 2.5105376
Q 433660		WQV 2.5105386	WQV 2.5105386	WQV 2.5105386	WQV 2.5105386	WQV 2.5105386
Q 1036860		WQV 2.5105446	WQV 2.5105446	WQV 2.5105446	WQV 2.5105446	WQV 2.5105446
VL 244670						
VH 1044660						
BS M 2.5 x 1426680						
AD 430340						
BSK M 2.5 x 1830330						
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

WDK...N
for electronic components

390 PART NUMBER SELECTION TABLES
Weidmüller 