Empty housings

Overview

L.2 - L.3

Housings

WAVEBOX L.4 - L.7

EG-Series L.8 - L.13

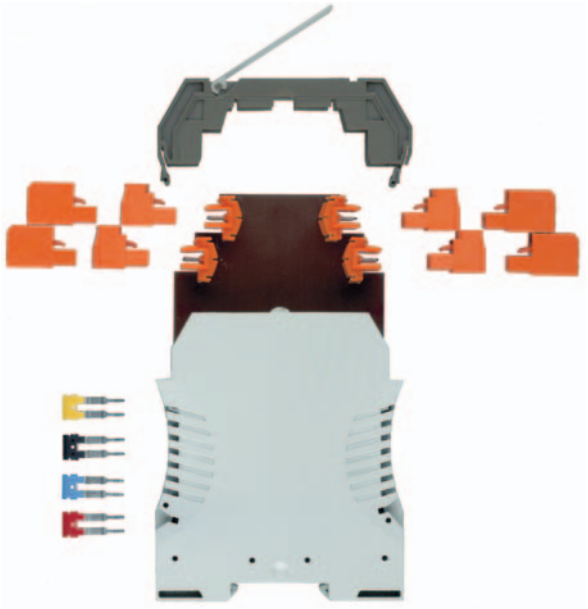
Housings, profile form

RS-Series L.14 - L.17

Housings, terminal form

L.18 - L.26

Empty housings



WAVEBOX housing

are designed to accept modern electronic components, thus representing functional casings that support adjustment and control functions as well as technical requirements, and allow heat dissipation and EMC properties. The compact design additionally saves space in the switch cabinet and reduces assembly costs. Furthermore, ergonomic design is becoming an increasingly important aspect of top quality electronic products and WAVEBOX has been developed accordingly to these criteria. The customer can save considerable costs with the simple production process (e.g. wave soldering, SMD configuration).

The excellent features of WAVEBOX include:

- Convenient, optimum width (12.5 mm, 17.5 mm, 22.5 mm)
- Large insertion area, suitable for SMD insertion on the soldered side
- Combustibility class V2 to UL94
- Assembly without tools
- Pluggable circuit board
- Pluggable cross connection using ZQV 2.5 N
- Hinged, transparent cover
- Plug-in connection
- Either clamping yoke or tension spring connection
- Marking with WS tags
- Slots onto TS 35 x 7.5 or TS 35 x 15

Empty housings

EG 1 housing

are 18 mm wide and offer 4 screw connections. They also have up to 4 solder/flat push-on lugs 0.8 x 2.8 mm or 0.8 x 4.8 mm. Inside the enclosure, the busbar or screw terminal ends with a solder eyelet. Two end plates close the module. The modules are fitted in rows on mounting rail TS 32, TS 35 x 7.5 or TS 35 x 15, depending on the type.

EG 2 housing

have the same outer contour as type EG 1. The PCBs, equipped with 4 screw or up to 8 spade connectors 0.8 x 6.3 mm or 0.8 x 2.8 mm, are simply clipped into the enclosure, using mounting rails TS 32, TS 35 x 7.5 or TS 35 x 15.

EG 3 housing

are 22.5 mm wide with 6 screw or 12 spade connectors 0.8 x 6.3 mm or 0.8 x 2.8 mm. As optional accessories, Weidmüller offers a contour PCB with 2.54 mm hole matrix or completely copper-coated. The clip-on combination foot is ideal for mounting in rows on mounting rail TS 32, TS 35 x 7.5 or TS 35 x 15. The enclosure can be fixed directly using mounting plate MPL (without mounting rail). Thanks to the push-on foot design, the EG 3 housing enclosure can be turned at an angle of 180° for all kinds of assembly (e.g. for swapping input and output).

EG 4 housing

offer the same width 22.5 mm as type EG 3. The greater depth of 75 mm and height of 109 mm allow more complex circuitry. The installed circuitry can be connected via 6 screw connectors. The clip-on combination foot is ideal for mounting in rows on mounting rail TS 32, TS 35 x 7.5 or TS 35 x 15. Thanks to the push-on foot design, the EG 4 housing enclosure can be shifted 6 mm forwards or back from the clip-on foot position, turned at an angle of 180°, then refitted (e.g. for swapping input and output).

EG 5 housing

have the same outer dimensions as type EG 4. Type EG 5 has 12 screw connections wired with solder eyelets inside the enclosure. The clip-on combination foot is ideal for mounting in rows on mounting rail TS 32, TS 35 x 7.5 or TS 35 x 15. Thanks to the push-on foot design, the EG 5 housing enclosure can be shifted 6 mm forwards or back from the clip-on foot position, turned at an angle of 180°, then refitted (e.g. for swapping input and output).

EG 6 housing

have a bus-compatible contact carrier. The bus connection is achieved by abutting several enclosures in a row. 32 connections on either side of the enclosures act as spring-type strip contacts. The enclosure can accommodate a PCB measuring 100 x 120 mm. The PCB is adapted by a VG 64 DIN socket. The front plate is screwed to the PCB, like 19" systems. The clip-on foot allows easy assembly in rows on mounting rails TS 35 x 7.5 or TS 35 x 15.

Individual components for RS 70 clip-in base

Any type of intermediate spacers or feet can be joined and clipped together between two side pieces (locking feet). This produces a holder module for a PCB to which various components can be soldered. The assembly can be clipped onto mounting rails TS 32, TS 35 x 7.5 or TS 35 x 15.

Clip-in base profiles

Profiles RS 45, RS 80 and RS 100 are supplied as extruded profiles 2 m long. The extruded profiles can be easily cut to the required length, producing a holder module for a PCB to which individual components can be soldered. The locking feet are pushed into the profiles for clipping onto the mounting rails TS 32, TS 35 x 7.5 or TS 35 x 15. The push-on foot design of RS 80 lets the locking foot turn at an angle of 180°.

DK 4 and DKT 4 terminals

are ideal for installation of electronic components with a maximum thickness of 4.5 mm. Up to 4 independent clamping yoke screw connections are available. A clip-on frame extends the installation space of DK 4 by 6 mm. The terminals will fit on mounting rails TS 32, TS 35 x 7.5 or TS 35 x 15, depending on type.

WDK 2.51 terminals

are ideal for installation of electronic components with a maximum thickness of 4 mm. 4 independent clamping yoke screw connections or 4 spade connectors 6.3 x 0.8 mm are available. The terminals will fit on mounting rails TS 35 x 7.5 or TS 35 x 15.

Housings

Wavebox

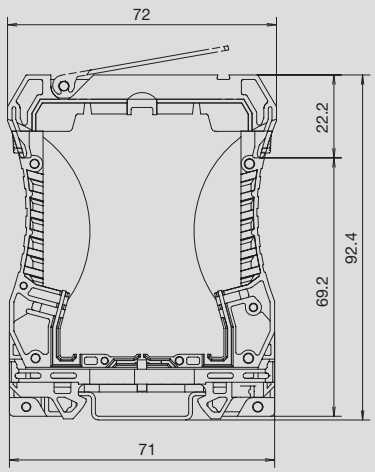
A WAVEBOX S 22.5 housing consists of:
- 1 housing base part with locking foot,
- 1 top part,
- 2 pin blocks,
- 1 to 2 connector sockets.

WAVEBOX S 22.5

Description

The pin blocks (one left- and one right-hand version are used depending on the design) are soldered to the PCB and clipped to the top part. This assembly is inserted into the base part; the integrated anti-turn protection guarantees a correct mechanical connection. Connections that are not required are sealed with a screw cap. The base of the housing is available in cross-connectable and non-cross-connectable versions. Both clamping yoke and tension clamp connections are available for the codable connector socket. The hinged transparent top plate of the top part and the housing base part can be labelled with a laser. The top plate enables an easy access for calibration.

CAD drawings that ease the production of layouts and equipping of boards (details of blocked area, max. component heights, pads, etc.) are available on request.



Technical data

General data		
Dimensions W x L x H (w. TS35 x 7.5)	mm	22.5 / 72 / 92.4
Dimensions W x L x H (w. TS32)		
No. of connections	total	6
	left / right / top	3 / 3
Access for calibration		moveable top plate
Shielding		not available
Contact to the mounting rail		-
Max. power loss		2 W /40°C
Number of PCB per module		1
PCB contacting		soldered connection, directly
Thickness of PCB		1.0 (± 0.1) mm
Class of protection		IP 20
Tightening torque range		0.4…0.5 Nm
Stripping length		
Pollution severity		2
Flammability class acc. UL94		V2
Colour of insulating material		grey

Clampable conductors (H05V/H07V)	Clamp. yoke connection	Tension clamp connection
Solid	0.5…2.5	0.13…1.5
Flexible	0.5…2.5	0.13…2.5
Max. conductor AWG	28 AWG…14 AWG	
Plug gauge to 60947-1	A3	

Information

Ordering data

Individual parts		Type	Qty.	Order No.
Enclosure part with locking foot	cannot be cross-conn.	WAVEBOX S 22.5	10	**8426440000**
	can be cross-connected	WAVEBOX S 22.5 QV	10	**8426450000**
Top part with transparent top plate mounted		TOP UNIT S 22.5	10	**8426460000**
Pin block, 3-pole	orange, right	SL 5.08/3 OR R	100	**8426620000**
	orange, left	SL 5.08/3 OR L	100	**8426630000**
Pin block, 3-pole	beige, right			
	beige, left			
Pin block, 2-pole	orange, right			
	orange, left			
Socket block, clamp. yoke conn.	orange, 3-pole	BLZ 5.08/3 SN OR	100	**1526560000**
	black, 3-pole	BLZ 5.08/3 SN SW	100	**1526510000**
	orange, 2-pole			
	black, 2-pole			
Socket block, tension clamp conn.	orange, 3-pole	BLZF 5.08/3 SN OR	100	**1707470000**
	black, 3-pole	BLZF 5.08/3 SN SW	100	**1707700000**
	orange, 2-pole			
	black, 2-pole			

Information

Accessories

Cross connection 2-pole (pluggable)		Type	Qty.	Order No.
	red	ZQV 2.5N/2 RT	60	**1717900000**
	blue	ZQV 2.5N/2 BL	60	**1717990000**
	yellow	ZQV 2.5N/2 GE	60	**1693800000**
Other accessories				
Coding element	orange	BLZ KO OR	100	**1573010000**
	black	BLZ-KO SW	50	**1545710000**
Screw cap		CAP WAVEBOX L22,5/17,5	20	**8428120000**

Articles with coloured order number are kept permanently in stock at the central warehouse in Germany.
Delivery times see page X.2

Housings

Wavebox

A WAVEBOX L 22.5 housing consists of:

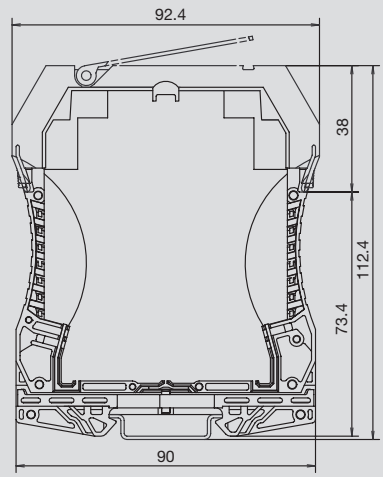
- 1 housing base part with locking foot,
- 1 top part,
- 4 pin blocks,
- 1 to 4 connector sockets.

WAVEBOX L 22.5

Description

The pin blocks (one left- and one right-hand version are used depending on the design) are soldered to the PCB and clipped to the top part. This assembly is inserted into the base part; the integrated anti-turn protection guarantees a correct mechanical connection. Connections that are not required are sealed with a screw cap. The base of the housing is available in cross-connectable and non-cross-connectable versions. Both clamping yoke and tension spring connections are available for the codable connector socket. The hinged transparent top plate of the top part and the housing base part can be labelled with a laser. The top plate enables an easy access for calibration.

CAD drawings that ease the production of layouts and equipping of boards (details of blocked area, max. component heights, pads, etc.) are available on request.



Technical data

General data		
Dimensions W x L x H (w. TS35 x 7.5)	mm	22.5 / 92.4 / 112.4
Dimensions W x L x H (w. TS32)		
No. of connections	total	12
	left / right / top	6 / 6
Access for calibration		moveable top plate
Shielding		not available
Contact to the mounting rail		-
Max. power loss		2 W /40°C
Number of PCB per module		1
PCB contacting		soldered connection, directly
Thickness of PCB		1.0 (± 0.1) mm
Class of protection		IP 20
Tightening torque range		0.4…0.5 Nm
Stripping length		
Pollution severity		2
Flammability class acc. UL94		V2
Colour of insulating material		grey

Clampable conductors (H05V/H07V)	Clamp. yoke connection	Tension clamp connection
Solid	0.5…2.5	0.13…1.5
Flexible	0.5…2.5	0.13…2.5
Max. conductor AWG	28 AWG…14 AWG	
Plug gauge to 60947-1	A3	

Information

Ordering data

Individual parts		Type	Qty.	Order No.
Enclosure part with locking foot	cannot be cross-conn.	WAVEBOX L 22.5	10	**8426470000**
	can be cross-connected	WAVEBOX L 22.5 QV	10	**8426480000**
Top part with transparent top plate mounted		TOP UNIT L 22.5	10	**8426490000**
Pin block, 3-pole	orange, right	SL 5.08/3 OR R	100	**8426620000**
	orange, left	SL 5.08/3 OR L	100	**8426630000**
Pin block, 3-pole	beige, right			
	beige, left			
Pin block, 2-pole	orange, right			
	orange, left			
Socket block, clamp. yoke conn.	orange, 3-pole	BLZ 5.08/3 SN OR	100	**1526560000**
	black, 3-pole	BLZ 5.08/3 SN SW	100	**1526510000**
	orange, 2-pole			
	black, 2-pole			
Socket block, tension clamp conn.	orange, 3-pole	BLZF 5.08/3 SN OR	100	**1707470000**
	black, 3-pole	BLZF 5.08/3 SN SW	100	**1707700000**
	orange, 2-pole			
	black, 2-pole			

Information

Accessories

Cross connection 2-pole (pluggable)		Type	Qty.	Order No.
	red	ZQV 2.5N/2 RT	60	**1717900000**
	blue	ZQV 2.5N/2 BL	60	**1717990000**
	yellow	ZQV 2.5N/2 GE	60	**1693800000**
Other accessories				
Coding element	orange	BLZ KO OR	100	**1573010000**
	black	BLZ-KO SW	50	**1545710000**
Screw cap		CAP WAVEBOX L22,5/17,5	20	**8428120000**

Articles with coloured order number are kept permanently in stock at the central warehouse in Germany.
Delivery times see page X.2

Housings

Wavebox

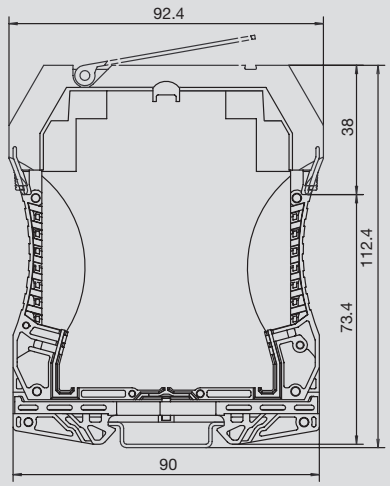
A WAVEBOX 17.5 housing consists of:
- 1 housing base part with locking foot,
- 1 top part,
- 4 pin blocks,
- 1 to 4 connector sockets.

WAVEBOX 17.5

Description

The pin blocks (one left- and one right-hand version are used depending on the design) are soldered to the PCB and clipped to the top part. This assembly is inserted into the base part; the integrated anti-turn protection guarantees a correct mechanical connection. Connections that are not required are sealed with a screw cap. The base of the housing is available in cross-connectable and non-cross-connectable versions. Both clamping yoke and tension spring connections are available for the codable connector socket. The hinged transparent top plate of the top part and the housing base part can be labelled with a laser. The top plate enables an easy access for calibration.

CAD drawings that ease the production of layouts and equipping of boards (details of blocked area, max. component heights, pads, etc.) are available on request.



Technical data

General data		
Dimensions W x L x H (w. TS35 x 7.5)	mm	17.5 / 92.4 / 112.4
Dimensions W x L x H (w. TS32)		
No. of connections	total	12
	left / right / top	6 / 6
Access for calibration		moveable top plate
Shielding		not available
Contact to the mounting rail		-
Max. power loss		2 W /40°C
Number of PCB per module		1
PCB contacting		soldered connection, directly
Thickness of PCB		1.0 (± 0.1) mm
Class of protection		IP 20
Tightening torque range		0.4…0.5 Nm
Stripping length		
Pollution severity		2
Flammability class acc. UL94		V2
Colour of insulating material		grey

Clampable conductors (H05V/H07V)	Clamp. yoke connection	Tension clamp connection
Solid	0.5…2.5	0.13…1.5
Flexible	0.5…2.5	0.13…2.5
Max. conductor AWG	28 AWG…14 AWG	
Plug gauge to 60947-1	A3	

Information

Ordering data

Individual parts		Type	Qty.	Order No.
Enclosure part with locking foot	cannot be cross-conn.	WAVEBOX L 17.5	12	**8426560000**
	can be cross-connected	WAVEBOX L 17.5 QV	12	**8426570000**
Top part with transparent top plate mounted		TOP UNIT L 17.5	12	**8426580000**
Pin block, 3-pole	orange, right			
	orange, left			
Pin block, 3-pole	beige, right	SL 5.08/3 BE R	100	**8449220000**
	beige, left	SL 5.08/3 BE L	100	**8449230000**
Pin block, 2-pole	orange, right			
	orange, left			
Socket block, clamp. yoke conn.	orange, 3-pole	BLZ 5.08/3 SN OR	100	**1526560000**
	black, 3-pole	BLZ 5.08/3 SN SW	100	**1526510000**
	orange, 2-pole			
	black, 2-pole			
Socket block, tension clamp conn.	orange, 3-pole	BLZF 5.08/3 SN OR	100	**1707470000**
	black, 3-pole	BLZF 5.08/3 SN SW	100	**1707700000**
	orange, 2-pole			
	black, 2-pole			

Information

Accessories

Cross connection 2-pole (pluggable)		Type	Qty.	Order No.
	red	ZQV 2.5N/2 RT	60	**1717900000**
	blue	ZQV 2.5N/2 BL	60	**1717990000**
	yellow	ZQV 2.5N/2 GE	60	**1693800000**
Other accessories				
Coding element	orange			
	black	KO ZSB	10	**1678530000**
Screw cap		CAP WAVEBOX L22,5/17,5	20	**8428120000**

Articles with coloured order number are kept permanently in stock at the central warehouse in Germany.
Delivery times see page X.2

Housings

Wavebox

A WAVEBOX 12.5 housing consists of:

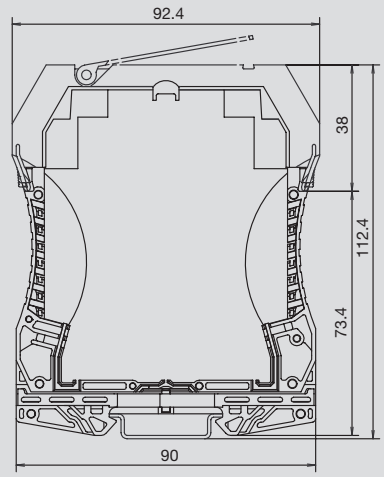
- 1 housing base part with locking foot,
- 1 top part,
- 4 pin blocks,
- 1 to 4 connector sockets.

WAVEBOX 12.5

Description

The pin blocks (one left- and one right-hand version are used depending on the design) are soldered to the PCB and then clipped to the top part. This assembly is inserted into the base part; the integrated anti-turn protection guarantees a correct connection. Connections that are not required are sealed with a screw cap. The base of the housing is available in cross-connectable (cross-connector ZQV2.5N/2) and non-cross-connectable versions. Both clamping yoke and tension spring connections are available for the connector socket, which can be coded by means of the coding elements. The hinged transparent top plate of the top part and the housing base part can be labelled with a laser. The top plate enables an easy access for calibration.

CAD drawings that ease the production of layouts and equipping of boards (details of blocked area, max. component heights, pads, etc.) are available on request.



Technical data

General data		
Dimensions W x L x H (w. TS35 x 7.5)	mm	12.5 / 92.4 / 112.4
Dimensions W x L x H (w. TS32)		
No. of connections	total	8
	left / right / top	4 / 4
Access for calibration		moveable top plate
Shielding		not available
Contact to the mounting rail		-
Max. power loss		2 W /40°C
Number of PCB per module		1
PCB contacting		soldered connection, directly
Thickness of PCB		1.0 (± 0.1) mm
Class of protection		IP 20
Tightening torque range		0.4…0.5 Nm
Stripping length		
Pollution severity		2
Flammability class acc. UL94		V2
Colour of insulating material		grey
Clampable conductors (H05V/H07V)		**Clamp. yoke connection** / **Tension clamp connection**
Solid		0.5…2.5 / 0.13…1.5
Flexible		0.5…2.5 / 0.13…2.5
Max. conductor AWG		28 AWG…14 AWG
Plug gauge to 60947-1		A3

Information

Ordering data

Individual parts		Type	Qty.	Order No.
Enclosure part with locking foot	cannot be cross-conn.	WAVEBOX L 12.5	18	**8426530000**
	can be cross-connected	WAVEBOX L 12.5 QV	18	**8426540000**
Top part with transparent top plate mounted		TOP UNIT L 12.5	18	**8426550000**
Pin block, 3-pole	orange, right			
	orange, left			
Pin block, 3-pole	beige, right			
	beige, left			
Pin block, 2-pole	orange, right	SL 5.08/2 OR R	100	**8427390000**
	orange, left	SL 5.08/2 OR L	100	**8427400000**
Socket block, clamp. yoke conn.	orange, 3-pole			
	black, 3-pole			
	orange, 2-pole	BLZ 5.08/2 SN OR	100	**1526460000**
	black, 2-pole	BLZ 5.08/2 SN SW	100	**1526410000**
Socket block, tension clamp conn.	orange, 3-pole			
	black, 3-pole			
	orange, 2-pole	BLZF 5.08/2 SN OR	100	**1707460000**
	black, 2-pole	BLZ 5.08/2 SN SW	100	**1526410000**

Information

Accessories

Cross connection 2-pole (pluggable)		Type	Qty.	Order No.
	red	ZQV 2.5N/2 RT	60	**1717900000**
	blue	ZQV 2.5N/2 BL	60	**1717990000**
	yellow	ZQV 2.5N/2 GE	60	**1693800000**
Other accessories				
Coding element	orange			
	black	KO ZSB	10	**1678530000**
Screw cap		CAP 2 WAVEBOX 12,5	20	**8428130000**

Articles with coloured order number are kept permanently in stock at the central warehouse in Germany.
Delivery times see page X.2

Housings

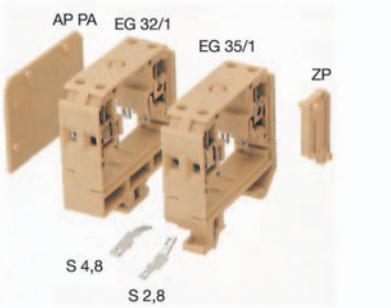
EG

An EG1 housing consists of:

- 1 housing frame with clamping yoke units and foot,
- 2 end plates.

Push-on solder lugs are available if required.

EG 1

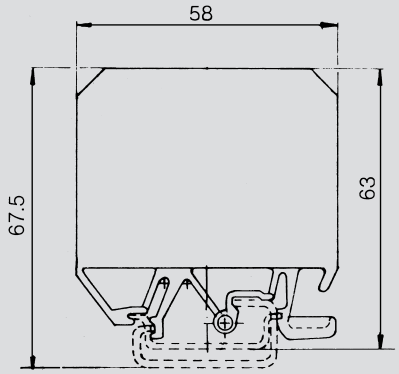


Larger housings are easily assembled: the intermediate plate (ZP) allows 2 or more housings to be mechanically joined together. The ZP joins together the housing frames in the area of clamping yoke unit.

Technical data

General data		
Dimensions W x L x H (w. TS35 x 7.5)	mm	18 / 58 / 63
Dimensions W x L x H (w. TS32)		18 / 58 / 67.5
No. of connections	total	4
	left / right / top	2 / 2
Access for calibration		
Shielding		not available
Contact to the mounting rail		-
Max. power loss		1 W
Number of PCB per module		1
PCB-connection		soldered connection, via wire
Thickness of PCB		1.0 (+ 0.2) mm
Class of protection		IP 20
Tightening torque range		0.5…1.0 Nm
Stripping length		
Pollution severity		2
Flammability class acc. UL94		V2
Colour of insulating material		beige
Clampable conductors (H05V/H07V)		**Clamp. yoke connection**
Solid		0.5…4
Flexible		0.5…2.5
Max. conductor AWG		20 AWG…12 AWG
Plug gauge to 60947-1		

Information



Ordering data

Individual parts		Type	Qty.	Order No.
Housing frame	without foot			
	w. foot for TS35	EG 35/I OHNE AP MONT.	25	**0453860000**
	w. foot for TS32	EG 32/I OHNE AP MONT.	25	**0453560000**
Locking combination foot				
Mounting plate for direct mounting				
End plate		AP EG32/EG35	20	**0453660000**
Clamp. yoke unit	right			
	left			
Intermediate plate		ZP EG 32/EG 35	50	**0453760000**
Connection spigot		VBZA F.EG	50	**0510260000**
Flat connector lug	0.8 x 6.3mm			
	2 x 0.8 x 6.3mm			
	0.8 x 2.8mm	LOETFAHNE 2.8MM F.EG	50	**0475800000**
	0.8 x 4.8mm	LOETFAHNE 4.9MM F. EG	50	**0475700000**

Information

Accessories

Type	Qty.	Order No.

Articles with coloured order number are kept permanently in stock at the central warehouse in Germany.
Delivery times see page X.2

Housings

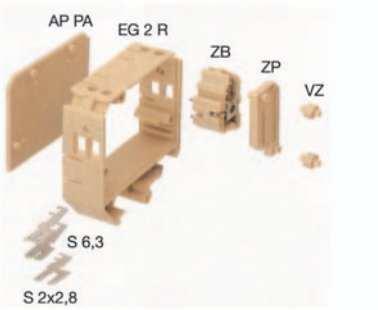
EG

An EG2 housing consists of:

- 1 housing frame with combination foot,
- 1 to 2 clamping yoke units,
- 2 end plates.

Push-on solder lugs are available if required.

EG 2

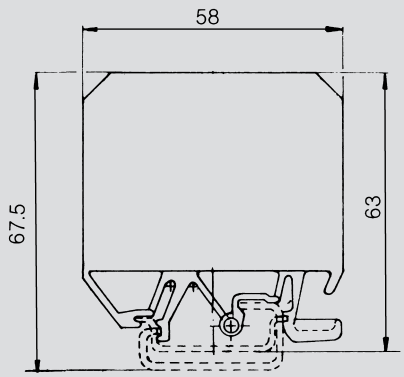


Larger housings are easily assembled: the intermediate plate (ZP) allows 2 or more housings to be mechanically joined together. The ZP joins together the housing frames near the clamping yoke unit. If the clamping yoke unit is not fitted, the connecting pin (VZ) can be used as an alternative.

Technical data

General data		
Dimensions W x L x H (w. TS35 x 7.5)	mm	20 / 58 / 63
Dimensions W x L x H (w. TS32)		20 / 58 / 67.5
No. of connections	total	4
	left / right / top	2 / 2
Access for calibration		
Shielding		not available
Contact to the mounting rail		-
Max. power loss		1 W
Number of PCB per module		1
PCB-connection		soldered connection, directly
Thickness of PCB		1.0 (+ 0.2) mm
Class of protection		IP 20
Tightening torque range		0.5…1.0 Nm
Stripping length		
Pollution severity		2
Flammability class acc. UL94		V2
Colour of insulating material		beige
Clampable conductors (H05V/H07V)		**Clamp. yoke connection**
Solid		0.5…4
Flexible		0.5…2.5
Max. conductor AWG		20 AWG…12 AWG
Plug gauge to 60947-1		

Information



Ordering data

Individual parts		Type	Qty.	Order No.
Housing frame	without foot	GH EG2/EN A.1 O.BOHR.	25	**0508860000**
	w. foot for TS35	GH EG2/EN A.1 O.BOHR.	25	**0508860000**
	w. foot for TS32			
Locking combination foot				
Mounting plate for direct mounting				
End plate		AP EG32/EG35	20	**0453660000**
Clamp. yoke unit	right	ZBE EG/2 AUSF.RECHTS	20	**0495960000**
	left	ZBE EG/2 AUSF.LINKS	20	**0495860000**
Intermediate plate		ZP EG 32/EG 35	50	**0453760000**
Connection spigot		VBZA F.EG	50	**0510260000**
Flat connector lug	0.8 x 6.3mm	STECKERFAHNE EG 35/2	100	**0496100000**
	2 x 0.8 x 6.3mm	STFA EG3	50	**0163500000**
	0.8 x 2.8mm			
	0.8 x 4.8mm			

Information

Accessories

Type	Qty.	Order No.

Articles with coloured order number are kept permanently in stock at the central warehouse in Germany.
Delivery times see page X.2

Housings

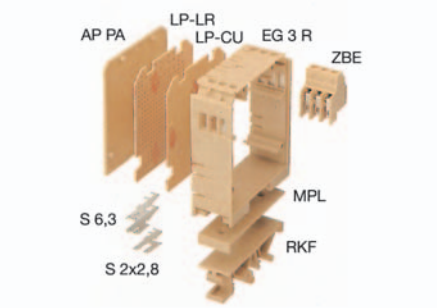
EG

An EG3 housing consists of:

- 1 housing frame,
- 1 combination foot or 1 mounting plate,
- 1 to 2 clamping yoke units,
- 2 end plates.

Connection tab push-on lugs are available if required.

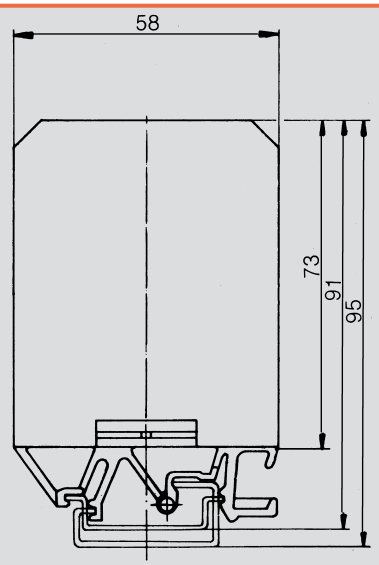
EG 3



The fixing in combination foot or the mounting plate allows the housing to be mounted on the rail or directly.

Technical data

General data		
Dimensions W x L x H (w. TS35 x 7.5)	mm	22.5 / 58 / 91
Dimensions W x L x H (w. TS32)		22.5 / 58 / 95
No. of connections	total	6
	left / right / top	3 / 3
Access for calibration		
Shielding		not available
Contact to the mounting rail		-
Max. power loss		1.5 W
Number of PCB per module		1
PCB-connection		soldered connection, via wire
Thickness of PCB		1.0 (+ 0.2) mm
Class of protection		IP 20
Tightening torque range		0.4…0.8 Nm
Stripping length		
Pollution severity		2
Flammability class acc. UL94		V2
Colour of insulating material		beige
Clampable conductors (H05V/H07V)		**Clamp. yoke connection**
Solid		0.5…4
Flexible		0.5…2.5
Max. conductor AWG		…
Plug gauge to 60947-1		
Information		



Ordering data

Individual parts		Type	Qty.	Order No.
Housing frame	without foot	GH EG3 A.1 M.1 BOHR. BE	25	**0163960000**
	w. foot for TS35			
	w. foot for TS32			
Locking combination foot		RKF EG3 BE	20	**0163860000**
Mounting plate for direct mounting		MP EG3/DB BE	50	**0158560000**
End plate		AP EG3	20	**0133760000**
Clamp. yoke unit	right	ZBE EG 3	50	**0138360000**
	left	ZBE EG 3	50	**0138360000**
Intermediate plate				
Connection spigot		VBZA F.EG	50	**0510260000**
Flat connector lug	0.8 x 6.3mm	STECKERFAHNE EG 35/2	100	**0496100000**
	2 x 0.8 x 6.3mm	STFA EG3	50	**0163500000**
	0.8 x 2.8mm			
	0.8 x 4.8mm			
Information				

Accessories

Type	Qty.	Order No.

Articles with coloured order number are kept permanently in stock at the central warehouse in Germany.
Delivery times see page X.2

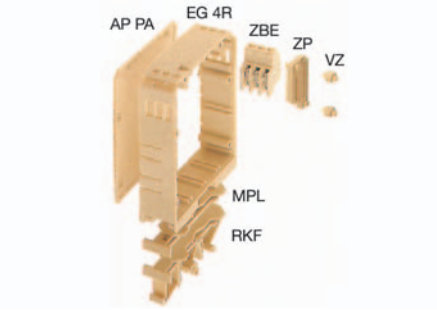
Housings

EG

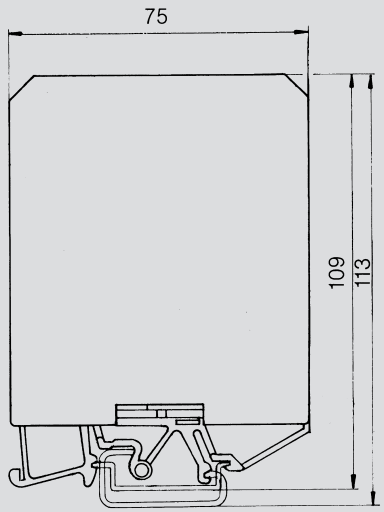
An EG4 housing consists of:

- 1 housing frame,
- 1 combination foot or 1 mounting plate,
- 1 to 2 clamping yoke units,
- 2 end plates.

EG 4



Larger housing are easily assembled: the intermediate plate (ZP) and the connection spigot (VZ) enable 2 or more housing to be mechanically joined together. The ZP joins together the housing frames in the area of the clamping yoke unit and the VZ the housing frames at the bottom of the frame. The fixing in combination foot or the mounting plate allows the housing to be mounted on the rail or directly.



Technical data

General data		
Dimensions W x L x H (w. TS35 x 7.5)	mm	22.5 / 75 / 109
Dimensions W x L x H (w. TS32)		22.5 / 75 / 113
No. of connections	total	6
	left / right / top	3 / 3
Access for calibration		
Shielding		not available
Contact to the mounting rail		-
Max. power loss		1.6 W
Number of PCB per module		1
PCB-connection		soldered connection, via wire
Thickness of PCB		1.0 (+ 0.2) mm
Class of protection		IP 20
Tightening torque range		0.4…0.8 Nm
Stripping length		
Pollution severity		2
Flammability class acc. UL94		V2
Colour of insulating material		beige
Clampable conductors (H05V/H07V)		**Clamp. yoke connection**
Solid		0.5…4
Flexible		0.5…2.5
Max. conductor AWG		22 AWG…12 AWG
Plug gauge to 60947-1		

Information

Ordering data

Individual parts		Type	Qty.	Order No.
Housing frame	without foot	GH EG4 A.1 O.BOHR.	20	**1116560000**
	w. foot for TS35			
	w. foot for TS32			
Locking combination foot		WECHSELFUSS F.EG 4+5	20	**1116260000**
Mounting plate for direct mounting		MONTAGEPLATTE F.EG 4+5	50	**1116360000**
End plate		AP EG4	20	**1116060000**
Clamp. yoke unit	right	ZBE EG 3	50	**0138360000**
	left	ZBE EG 3	50	**0138360000**
Intermediate plate		ZP EG 32/EG 35	50	**0453760000**
Connection spigot		VBZA F.EG	50	**0510260000**
Flat connector lug	0.8 x 6.3mm			
	2 x 0.8 x 6.3mm			
	0.8 x 2.8mm			
	0.8 x 4.8mm			

Information

Accessories

Type	Qty.	Order No.

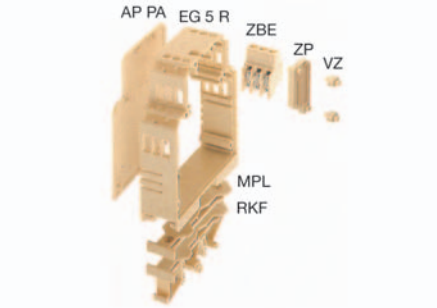
Housings

EG

An EG5 housing consists of:

- 1 housing frame,
- 1 combination foot or 1 mounting plate,
- 1 to 4 clamping yoke units,
- 2 end plates.

EG 5

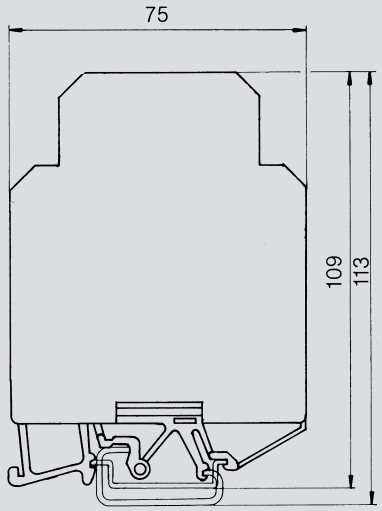


Larger housings are easily assembled: the intermediate plate (ZP) and the connection spigot (VZ) enable 2 or more housings to be mechanically joined together. The ZP joins together the housing frames at the bottom of the frame. The locking combination foot or the mounting plate allows the housing to be mounted on the rail or directly.

Technical data

General data		
Dimensions W x L x H (w. TS35 x 7.5)	mm	22.5 / 75 / 109
Dimensions W x L x H (w. TS32)		22.5 / 75 / 113
No. of connections	total	12
	left / right / top	6 / 6
Access for calibration		
Shielding		not available
Contact to the mounting rail		-
Max. power loss		1.6 W
Number of PCB per module		1
PCB-connection		soldered connection, via wire
Thickness of PCB		1.0 (+ 0.2) mm
Class of protection		IP 20
Tightening torque range		0.4…0.8 Nm
Stripping length		
Pollution severity		2
Flammability class acc. UL94		V2
Colour of insulating material		beige
Clampable conductors (H05V/H07V)		**Clamp. yoke connection**
Solid		0.5…4
Flexible		0.5…2.5
Max. conductor AWG		22 AWG…12 AWG
Plug gauge to 60947-1		

Information



Ordering data

Individual parts		Type	Qty.	Order No.
Housing frame	without foot	GH EG5 A.1 O.BOHR.	20	**1116860000**
	w. foot for TS35			
	w. foot for TS32			
Locking combination foot		WECHSELFUSS F.EG 4+5	20	**1116260000**
Mounting plate for direct mounting		MONTAGEPLATTE F.EG 4+5	50	**1116360000**
End plate		AP EG5	20	**1116160000**
Clamp. yoke unit	right	ZBE EG 3	50	**0138360000**
	left	ZBE EG 3	50	**0138360000**
Intermediate plate		ZP EG 32/EG 35	50	**0453760000**
Connection spigot		VBZA F.EG	50	**0510260000**
Flat connector lug	0.8 x 6.3mm			
	2 x 0.8 x 6.3mm			
	0.8 x 2.8mm			
	0.8 x 4.8mm			

Information

Accessories

Type	Qty.	Order No.

Articles with coloured order number are kept permanently in stock at the central warehouse in Germany.
Delivery times see page X.2

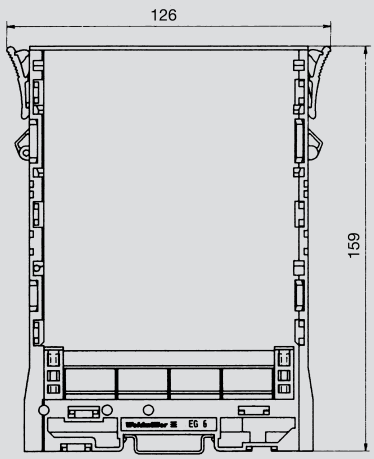
Housings

EG

EG 6

Reference voltage acc. to VDE 0110 1/89: 32V
Volume resistance of bus contacts: 12 mOhm

The board should be equipped with a male connector block acc. to DIN 41612 (part No. 401589 0000).



Technical data

General data		
Dimensions W x L x H (w. TS35 x 7.5)	mm	33 / 126 / 159
Dimensions W x L x H (w. TS32)		
No. of connections	total	
	left / right / top	
Access for calibration		
Shielding		not available
Contact to the mounting rail		-
Max. power loss		
Number of PCB per module		1
PCB-connection		
Thickness of PCB		
Class of protection		IP 00
Tightening torque range		
Stripping length		
Pollution severity		2
Flammability class acc. UL94		V2
Colour of insulating material		beige
Clampable conductors (H05V/H07V)		**Clamp. yoke connection**
Solid		
Flexible		
Max. conductor AWG		…
Plug gauge to 60947-1		

Information

Ordering data

Individual parts		Type	Qty.	Order No.
Housing frame	without foot	GH EG6 O.BOHR.	1	**8095840000**
	w. foot for TS35			
	w. foot for TS32			
Locking combination foot				
Mounting plate for direct mounting				
End plate				
Clamp. yoke unit	right			
	left			
Intermediate plate				
Connection spigot				
Flat connector lug	0.8 x 6.3mm			
	2 x 0.8 x 6.3mm			
	0.8 x 2.8mm			
	0.8 x 4.8mm			

Information

Accessories

Type	Qty.	Order No.

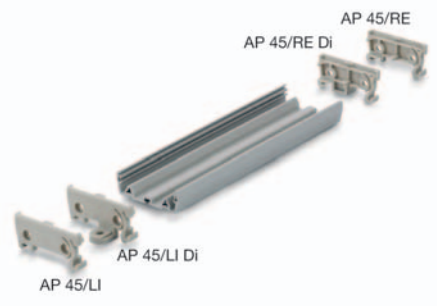
Housings, profile form

RS 45

Configuration of the housings (plus 4 screws):
Rail-mounted version
- 2 end plates for Rail-mounting,
- 1 extruded profile,

Direct-mount version
- 2 end plates for direct mounting,
- 1 extruded profile,

RS 45



Description

3 heights are available for cover profile and end plates:
Rail-mounting:
TS32 = 45 mm, TS35x7.5 = 40.5 mm
Direct mounting: 24 mm

Dimensions of PCB
Thickness: 1.8 (+0.15) mm, width: 42 (+0.5) mm
Size of RS segment = PCB length - 4.5 mm
Size of ADP segment = PCB length - 1 mm
Example:
PCB length 160 mm, RS = 155.5 mm, ADP = 159 mm

Technical data

General data	
Shielding	
Contact to the mounting rail	-
Max. power loss	
Number of PCB per module	1
Thickness of PCB	1.8 (+ 0.15) mm
Class of protection	
UL 94 combustibility class	V2
Colour of insulating material	beige

Information

Ordering data

Extruded profile		Type	Qty.	Order No.
2000mm	orange			
2000mm	grey	PF RS 45 GR 2000MM	2	**4027750000**
1000mm	grey	RS 45 PROFIL L=1000	10	**8140880000**
155mm	orange			
Intermediate piece				
5mm				
15mm				
25mm				
30mm				
45mm				
End plate w. locking foot				
Without cover	grey, left version	AP 45/LI	20	**8143910000**
	grey, right-hand version	AP 45/RE	20	**8143900000**
Locking foot				
	orange			
	grey			
With marking facilities	left version			
	right version			
Without marking facilities	left version			
	right version			
Central	intermediate foot			
End plate for direct mounting				
Without cover	grey, left version	AP 45/LI DI	20	**8140870000**
	grey, right-hand version	AP 45/RE DI	20	**8140860000**
	orange			
	grey			
For medium-high cover profile	orange			
	grey			
For high cover profile	orange			
	grey			
End plate for mounting rail installation				
Without cover	orange			
	grey			
For medium-high cover profile	orange			
	grey			
For high cover profile	orange			
	grey			
Cover profile	medium-high			
	high			
Screws		LKSC M2,9x13VZ	100	**4011200000**

Articles with coloured order number are kept permanently in stock at the central warehouse in Germany.
Delivery times see page X.2

Housings, profile form

RS 70

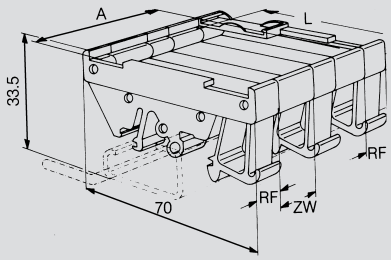
Configuration of the enclosure:
Rail-mounted version
- 1 fixing foot left,
- 1 fixing foot right,
- 1 or more intermediate pieces,
- 1 fixing foot centre if required.

RS 70

Description

Height: TS32 = 33.5 mm, TS35x7.5 = 29 mm

Dimensions of PCB:
Thickness: 1.6 (± 0.2)mm
Length: 67.8 (- 0.2)mm
Width of intermediate piece = PCB width - 9 mm
Example:
PCB width = 64 mm, width of intermediate piece = 55 mm



Technical data

General data	
Shielding	
Contact to the mounting rail	-
Max. power loss	
Number of PCB per module	1
Thickness of PCB	1.6 (± 0.2) mm
Class of protection	
UL 94 combustibility class	V2
Colour of insulating material	orange

Information

Ordering data

Extruded profile		Type	Qty.	Order No.
2000mm	orange			
2000mm	grey			
1000mm	grey			
155mm	orange			
Intermediate piece				
5mm		ZW 5 RS OR	20	**0119760000**
15mm		ZW 15 RS OR	20	**0119860000**
25mm		ZW 25 RS OR	20	**0126160000**
30mm		ZW 30 RS OR	20	**0119960000**
45mm		ZW 45 RS OR	20	**0120060000**
End plate w. locking foot				
Without cover	grey, left version			
	grey, right-hand version			
Locking foot				
	orange			
	grey			
With marking facilities	left version			
	right version	RF RS 70 RE/A3/M.BEZ	20	**0119560000**
Without marking facilities	left version	RF RS 70 LI/A2/O.SG	20	**0119660000**
	right version	RF RS 70 RE/A4/O.BEZ	20	**0126260000**
Central	intermediate foot	RF RS 70 MI/A6	20	**0213760000**
End plate for direct mounting				
Without cover	grey, left version			
	grey, right-hand version			
	orange			
	grey			
For medium-high cover profile	orange			
	grey			
For high cover profile	orange			
	grey			
End plate for mounting rail installation				
Without cover	orange			
	grey			
For medium-high cover profile	orange			
	grey			
For high cover profile	orange			
	grey			
Cover profile	medium-high			
	high			
Screws				

Articles with coloured order number are kept permanently in stock at the central warehouse in Germany.
Delivery times see page X.2

Housings, profile form

RS 80

Configuration of the housings (plus 4 screws):

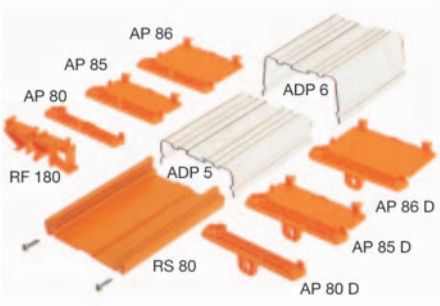
Rail-mounted version

- 2 end plates for rail mounting,
- 2 or more fixing feet,
- 1 extruded profile,
- 1 cover profile (if required).

Direct-mount version

- 2 end plates for direct mounting,
- 1 extruded profile,
- 1 cover profile (if required).

RS 80



Description

3 heights are available for cover profile and end plates:

Rail mounting without cover:

TS32 = 45 mm, TS35x7.5 = 40.5 mm

Rail mounting with low cover:

TS32 = 72 mm, TS35x7.5 = 67.5 mm

Rail mounting with high cover:

TS32 = 91 mm, TS35x7.5 = 86.5 mm

Direct mounting without/low/high cover:

17 / 44 / 63 mm

Dimensions of PCB

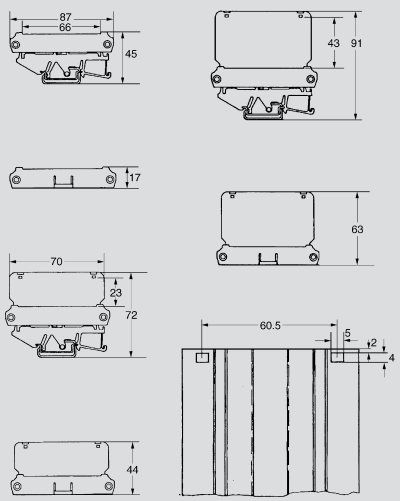
Thickness: 1.8 (+0.15) mm, width: 67.8 (+0.2) mm

Size of RS segment = PCB length - 4.5 mm

Size of ADP segment = PCB length - 2 mm

Example:

PCB length 160 mm, RS = 155.5 mm, ADP = 158 mm



Technical data

General data	
Shielding	
Contact to the mounting rail	-
Max. power loss	
Number of PCB per module	1
Thickness of PCB	1.8 (+ 0.15) mm
Class of protection	
UL 94 combustibility class	V2
Colour of insulating material	orange

Information

Ordering data

		Type	Qty.	Order No.
Extruded profile				
2000mm	orange	PF RS 80 OR 2000MM	2	**4157440000**
2000mm	grey	PF RS 80 GR 2000MM	2	**4183130000**
1000mm	grey			
155mm	orange			
Intermediate piece				
5mm				
15mm				
25mm				
30mm				
45mm				
End plate w. locking foot				
Without cover	grey, left version	AP RF80 LI	20	**8156210000**
	grey, right-hand version	AP RF80 RE	20	**8156200000**
Locking foot				
	orange	RF 180	20	**1324460000**
	grey	RF 180 GR	20	**1773400000**
With marking facilities	left version			
	right version			
Without marking facilities	left version			
	right version			
Central	intermediate foot			
End plate for direct mounting				
Without cover	grey, left version			
	grey, right-hand version			
	orange	AP 80 D	20	**1324360000**
	grey			
For medium-high cover profile	orange	AP 85 D	20	**1411060000**
	grey			
For high cover profile	orange	AP 86 D	20	**1411160000**
	grey			
End plate for mounting rail installation				
Without cover	orange	AP 80	20	**1324260000**
	grey	AP 80	20	**8320300000**
For medium-high cover profile	orange	AP 85	20	**1410860000**
	grey			
For high cover profile	orange	AP 86	20	**1410960000**
	grey			
Cover profile	medium-high	ADP 5	2	**4167150000**
	high	ADP 6	1	**4167160000**
Screws		LKSC M2,9x13VZ	100	**4011200000**

Articles with coloured order number are kept permanently in stock at the central warehouse in Germany.
Delivery times see page X.2

Housings, profile form

RS 100

Configuration of the housings (plus 4 screws):

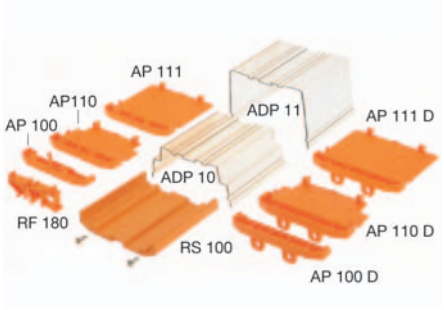
Rail-mounted version

- 2 end plates for rail mounting,
- 2 or more fixing feet,
- 1 extruded profile,
- 1 cover profile (if required).

Direct-mount version

- 2 end plates for direct mounting,
- 1 extruded profile,
- 1 cover profile (if required).

RS 100



Description

3 heights are available for cover profile and end plates:

Rail mounting without cover:

TS32 = 45 mm, TS35x7.5 = 40.5 mm

Rail mounting with low cover:

TS32 = 89 mm, TS35x7.5 = 84.5 mm

Rail mounting with high cover:

TS32 = 121 mm, TS35x7.5 = 116.5 mm

Direct mounting without/low/high cover:

24 / 69 / 99 mm

Dimensions of PCB

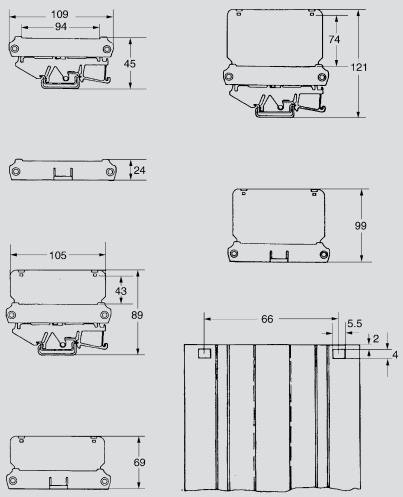
Thickness: 1.8 (+0.5) mm, width: 100 (+0.5) mm

Size of RS segment = PCB length - 4.5 mm

Size of ADP segment = PCB length - 1 mm

Example:

PCB length 160 mm, RS = 155.5 mm, ADP = 159 mm



Technical data

General data	
Shielding	
Contact to the mounting rail	-
Max. power loss	
Number of PCB per module	1
Thickness of PCB	1.8 (+ 0.5) mm
Class of protection	
UL 94 combustibility class	V2
Colour of insulating material	orange

Information

Ordering data

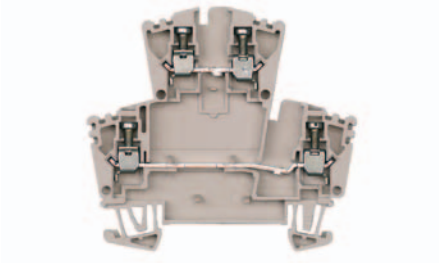
		Type	Qty.	Order No.
Extruded profile				
2000mm	orange	PF RS 100 OR 2000MM A.1	2	**4144870000**
2000mm	grey	PF RS 100 GR 2000MM A.1	2	**4010870000**
1000mm	grey			
155mm	orange	PF RS 100 A.1 OR 155,5	25	**4148400000**
Intermediate piece				
5mm				
15mm				
25mm				
30mm				
45mm				
End plate w. locking foot				
Without cover	grey, left version			
	grey, right-hand version			
Locking foot				
	orange	RF 180	20	**1324460000**
	grey	RF 180 GR	20	**1773400000**
With marking facilities	left version			
	right version			
Without marking facilities	left version			
	right version			
Central	intermediate foot			
End plate for direct mounting				
Without cover	grey, left version			
	grey, right-hand version			
	orange	AP 100 D	20	**1185160000**
	grey			
For medium-high cover profile	orange	AP 110 D	10	**1185360000**
	grey			
For high cover profile	orange	AP 111 D	10	**1185560000**
	grey			
End plate for mounting rail installation				
Without cover	orange	AP 100	20	**1185060000**
	grey			
For medium-high cover profile	orange	AP 110	10	**1185260000**
	grey			
For high cover profile	orange	AP 111	10	**1185460000**
	grey			
Cover profile	medium-high	ADP 10	2	**4169320000**
	high	ADP 11	2	**4169330000**
Screws		PTSC KB40X14 WN1412	100	**4019420000**

Articles with coloured order number are kept permanently in stock at the central warehouse in Germany.
Delivery times see page X.2

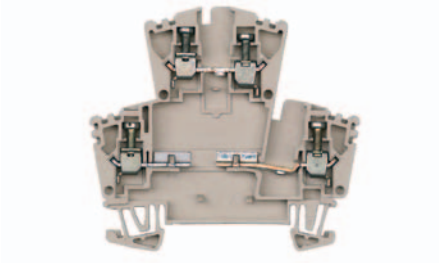
Housings, terminal form

WDK 2.5

WDK 2.5



WDK 2.5



Technical data

General data			
Dimensions W x L x H (w. TS35 x 7.5)	mm	5.1 / 69 / 63	5.1 / 69 / 63
Dimensions W x L x H (w. TS32)	mm		
No. of connections	total	4	4
	left / right / top	2 / 2	2 / 2
Access for calibration			
Shielding		not available	not available
Contact to the mounting rail		-	-
Max. power loss			
Number of PCB per module			
PCB-connection			
Thickness of PCB			
Class of protection		IP 20	IP 20
Tightening torque range		0.4…0.6 Nm	0.4…0.6 Nm
Stripping length		10	10
Pollution severity		3	3
Flammability class acc. UL94		V-0	V-0
Colour of insulating material		dark beige	dark beige
Clampable conductors (H05V/H07V)		**Clamp. yoke connection** **Tension clamp connection**	**Clamp. yoke connection** **Tension clamp connection**
Solid		0.5…4	0.5…4
Flexible		0.5…2.5	0.5…2.5
Max. conductor AWG		26 AWG…26 AWG	26 AWG…12 AWG
Plug gauge to 60947-1		A3	A3
Information		Continuous lower current bar	Cut-off lower current bar

Ordering data

Individual parts		Type	Qty.	Order No.	Type	Qty.	Order No.
Moulding for TS35	with connection element	WDK 2.5/D	100	**1023200000**	WDK 2.5/D/3	100	**1023100000**
	for connection element						
	for mounting rail contact, for connection element						
For mounting rail TS32	with connection element						
Frame for TS35		WZR WDK2.5	20	**1074000000**	WZR WDK2.5	20	**1074000000**
Frame for TS35	for connection element						
Frame for TS32							
Top part	open						
	closed						
Current bars (w. tension clamp)	short version						
	long version						
Current bars	horizontal						
	vertical						
Clamp. yoke unit	clamp. yoke + screw						
Screw							
Clamping yoke							
Mounting rail contact	current bar						
	spring						
Information							

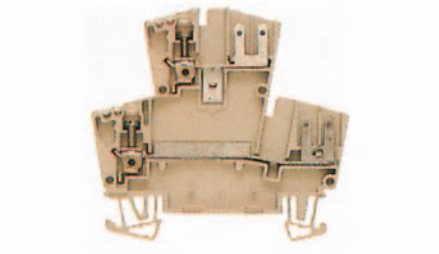
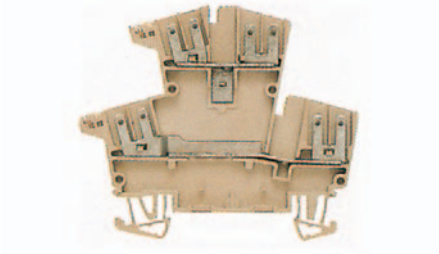
Accessories

End plate	Type	Qty.	Order No.	Type	Qty.	Order No.
	WAP WDK2.5	20	**1059100000**	WAP WDK2.5	20	**1059100000**
	WAP WDK2.5 BL	20	**1059180000**	WAP WDK2.5 BL	20	**1059180000**
	WAP WDK2.5 GE	20	**1059120000**	WAP WDK2.5 GE	20	**1059120000**
	WAP WDK2.5 GN	20	**1059140000**	WAP WDK2.5 GN	20	**1059140000**
Labelling system						

Articles with coloured order number are kept permanently in stock at the central warehouse in Germany.
Delivery times see page X.2

Housings, terminal form

WDK 2.5 F

	WDK 2.5 F	WDK 2.5 FF
		

Technical data

General data		WDK 2.5 F	WDK 2.5 FF
Dimensions W x L x H (w. TS35 x 7.5)	mm	5.1 / 69.5 / 63	5.1 / 75.5 / 63
Dimensions W x L x H (w. TS32)	mm		
No. of connections	total	4	4
	left / right / top	2 / 2	2 / 2
Access for calibration			
Shielding		not available	not available
Contact to the mounting rail		-	-
Max. power loss			
Number of PCB per module			
PCB-connection			
Thickness of PCB			
Class of protection			
Tightening torque range		0.4…0.6 Nm	0.4…0.6 Nm
Stripping length		10	10
Pollution severity		3	3
Flammability class acc. UL94		V-0	V-0
Colour of insulating material		dark beige	dark beige
Clampable conductors (H05V/H07V)		**Clamp. yoke connection** / **Tension clamp connection**	**Clamp. yoke connection** / **Tension clamp connection**
Solid		0.5…4	0.5…4
Flexible		0.5…2.5	0.5…2.5
Max. conductor AWG		26 AWG…12 AWG	26 AWG…
Plug gauge to 60947-1		A3	A3
Information		Single side blade connector	Both side blade connector

Ordering data

Individual parts		Type	Qty.	Order No.	Type	Qty.	Order No.
Moulding for TS35	with connection element	WDK 2.5 F	100	**1021600000**	WDK 2.5 FF	100	**1021700000**
	for connection element						
	for mounting rail contact, for connection element						
For mounting rail TS32	with connection element						
Frame for TS35		WZR WDK2.5	20	**1074000000**	WZR WDK2.5	20	**1074000000**
Frame for TS35	for connection element						
Frame for TS32							
Top part	open						
	closed						
Current bars (w. tension clamp)	short version						
	long version						
Current bars	horizontal						
	vertical						
Clamp. yoke unit	clamp. yoke + screw						
Screw							
Clamping yoke							
Mounting rail contact	current bar						
	spring						
Information							

Accessories

End plate	Type	Qty.	Order No.	Type	Qty.	Order No.
	WAP WDK2.5	20	**1059100000**	WAP WDK2.5	20	**1059100000**
	WAP WDK2.5 BL	20	**1059180000**	WAP 16+35 WTW 2.5-10	20	**1050100000**
	WAP WDK2.5 GE	20	**1059120000**	WAP 16+35 WTW 2.5-10 BL	20	**1050180000**
	WAP WDK2.5 GN	20	**1059140000**	WAP 16+35 WTW 2.5-10 SW	20	**1050110000**
Labelling system						

Articles with coloured order number are kept permanently in stock at the central warehouse in Germany.
Delivery times see page X.2

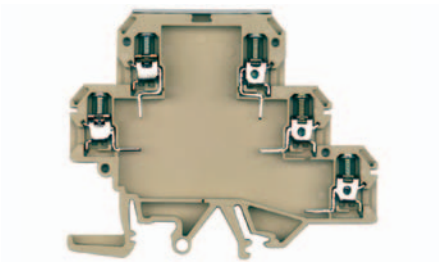
Housings, terminal form

DK 5

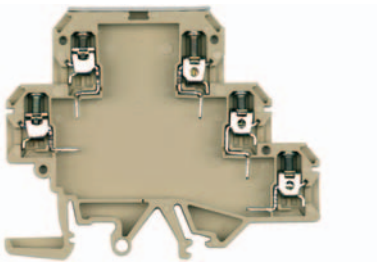
The transparent fixing top plate is used for labelling.

A DK5 housing consists of:
- 1 modular terminal with busbars,
- 1 top plate,
- 1 end plate (if required).

DK 5



DK 5



Technical data

General data		DK 5	DK 5
Dimensions W x L x H (w. TS35 x 7.5)	mm	6 / 77 / 62	6 / 77 / 62
Dimensions W x L x H (w. TS32)	mm		
No. of connections	total	5	5
	left / right / top	2 / 3	2 / 3
Access for calibration			
Shielding		not available	not available
Contact to the mounting rail		-	-
Max. power loss			
Number of PCB per module		1	1
PCB-connection			
Thickness of PCB			
Class of protection		IP 20	IP 20
Tightening torque range		0.4 Nm	0.4 Nm
Stripping length		9	9
Pollution severity		3	3
Flammability class acc. UL94		V2	V2
Colour of insulating material		beige	beige
Clampable conductors (H05V/H07V)		**Clamp. yoke connection** **Tension clamp connection**	**Clamp. yoke connection** **Tension clamp connection**
Solid		0.5…4	0.5…4
Flexible		0.5…4	0.5…4
Max. conductor AWG		20 AWG…12 AWG	20 AWG…12 AWG
Plug gauge to 60947-1		A3	A3
Information		Orientation of the current bar see illustration	Orientation of the current bar see illustration

Ordering data

Individual parts		Type	Qty.	Order No.	Type	Qty.	Order No.
Moulding for TS35	with connection element	GH DK5 PA BE A1	1	**4036160000**	GH DK5 PA BE A2 M.ZB	1	**4036600000**
	for connection element						
	for mounting rail contact, for connection element						
For mounting rail TS32	with connection element						
Frame for TS35							
Frame for TS35	for connection element						
Frame for TS32							
Top part	open	KOPL DK5 PA	1	**4036790000**	KOPL DK5 PA	1	**4036790000**
	closed						
Current bars (w. tension clamp)	short version						
	long version						
Current bars	horizontal						
	vertical						
Clamp. yoke unit	clamp. yoke + screw						
Screw							
Clamping yoke							
Mounting rail contact	current bar						
	spring						
Information							

Accessories

End plate	Type	Qty.	Order No.	Type	Qty.	Order No.
	AP DK5 PA BE	20	**4036780000**	AP DK5 PA BE	20	**4036780000**
Labelling system						

Articles with coloured order number are kept permanently in stock at the central warehouse in Germany.
Delivery times see page X.2

Housings, terminal form

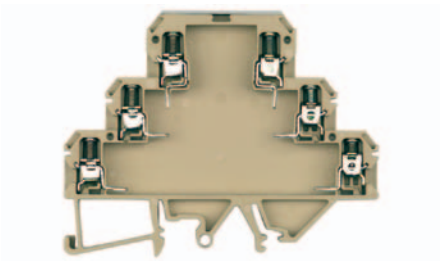
DK 6

The transparent fixing top plate is used for labelling.

A DK6 housing consists of:

- 1 terminal with busbars,
- 1 top plate,
- 1 end plate (if required).

DK 6



Technical data

General data		
Dimensions W x L x H (w. TS35 x 7.5)	mm	8 / 88.4 / 69
Dimensions W x L x H (w. TS32)	mm	8 / 88.4 / 73
No. of connections	total	6
	left / right / top	3 / 3
Access for calibration		
Shielding		not available
Contact to the mounting rail		-
Max. power loss		
Number of PCB per module		1
PCB-connection		
Thickness of PCB		
Class of protection		IP 20
Tightening torque range		0.4 Nm
Stripping length		9
Pollution severity		3
Flammability class acc. UL94		V2
Colour of insulating material		beige

Clampable conductors (H05V/H07V)	Clamp. yoke connection	Tension clamp connection
Solid	0.5…4	
Flexible	0.5…4	
Max. conductor AWG	20 AWG…12 AWG	
Plug gauge to 60947-1		

Information

Ordering data

Individual parts		Type	Qty.	Order No.
Moulding for TS35	with connection element	GH DK6 6 ANSCHL.	1	**4042010000**
	for connection element			
	for mounting rail contact, for connection element			
For mounting rail TS32	with connection element			
Frame for TS35				
Frame for TS35	for connection element			
Frame for TS32				
Top part	open	KOPL DK6 A2 2BOHR.	1	**4043950000**
	closed			
Current bars (w. tension clamp)	short version			
	long version			
Current bars	horizontal			
	vertical			
Clamp. yoke unit	clamp. yoke + screw			
Screw				
Clamping yoke				
Mounting rail contact	current bar			
	spring			

Information

Accessories

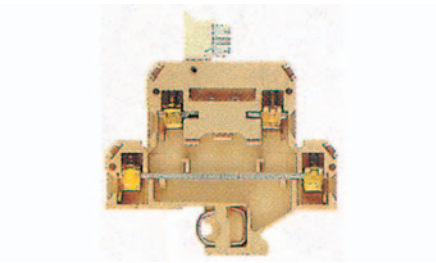
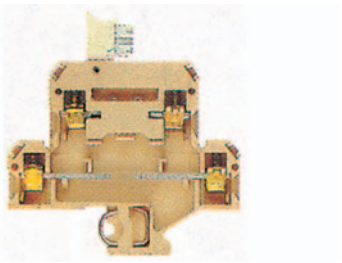
End plate	Type	Qty.	Order No.
	AP DK6 PA BE	20	**8324560000**

Labelling system

Articles with coloured order number are kept permanently in stock at the central warehouse in Germany.
Delivery times see page X.2

Housings, terminal form

DKT 4

	DKT 4	DKT 4 GTSE
		

Technical data

General data			
Dimensions W x L x H (w. TS35 x 7.5)	mm	6 / 65 / 56.5	6 / 65 / 56.5
Dimensions W x L x H (w. TS32)	mm		
No. of connections	total	4	4
	left / right / top	2 / 2	2 / 2
Access for calibration			
Shielding		not available	not available
Contact to the mounting rail		-	-
Max. power loss			
Number of PCB per module			
PCB-connection			
Thickness of PCB			
Class of protection		IP 20	IP 20
Tightening torque range		0.5…1.0 Nm	0.5…1.0 Nm
Stripping length		9	9
Pollution severity		3	3
Flammability class acc. UL94		V2	V2
Colour of insulating material		beige	beige
Clampable conductors (H05V/H07V)		**Clamp. yoke connection** **Tension clamp connection**	**Clamp. yoke connection** **Tension clamp connection**
Solid		0.5…4	0.5…4
Flexible		0.5…4	0.5…4
Max. conductor AWG		26 AWG…12 AWG	26 AWG…12 AWG
Plug gauge to 60947-1		A3	A3
Information		Continuous lower busbar	Cut-off lower busbar

Ordering data

Individual parts		Type	Qty.	Order No.	Type	Qty.	Order No.
Moulding for TS35	with connection element	DKT 4/35	100	**0687460000**	DKT 4/35 GTSE	50	**1115760000**
	for connection element						
	for mounting rail contact, for connection element						
For mounting rail TS32	with connection element						
Frame for TS35							
Frame for TS35	for connection element						
Frame for TS32							
Top part	open						
	closed						
Current bars (w. tension clamp)	short version						
	long version						
Current bars	horizontal						
	vertical						
Clamp. yoke unit	clamp. yoke + screw						
Screw							
Clamping yoke							
Mounting rail contact	current bar						
	spring						
Information							

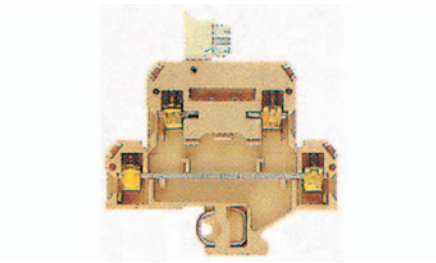
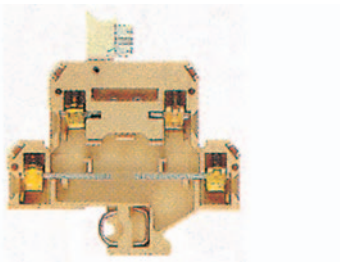
Accessories

End plate	Type	Qty.	Order No.	Type	Qty.	Order No.
	AP DKT4 PA	20	**0687560000**	AP DKT4 PA	20	**0687560000**
Labelling system						

Articles with coloured order number are kept permanently in stock at the central warehouse in Germany.
Delivery times see page X.2

Housings, terminal form

DKT 4

	DKT 4	DKT 4 GTSE
		

Technical data

General data			
Dimensions W x L x H (w. TS35 x 7.5)	mm		
Dimensions W x L x H (w. TS32)	mm	6.2 / 65 / 56.5	6.2 / 65 / 56.5
No. of connections	total	4	4
	left / right / top	2 / 2	2 / 2
Access for calibration			
Shielding		not available	not available
Contact to the mounting rail		-	-
Max. power loss			
Number of PCB per module			
PCB-connection			
Thickness of PCB			
Class of protection		IP 20	IP 20
Tightening torque range		0.5…1.0 Nm	0.5…1.0 Nm
Stripping length		9	9
Pollution severity		3	3
Flammability class acc. UL94		V2	V2
Colour of insulating material		beige	beige
Clampable conductors (H05V/H07V)		**Clamp. yoke connection** **Tension clamp connection**	**Clamp. yoke connection** **Tension clamp connection**
Solid		0.5…4	0.5…4
Flexible		0.5…4	0.5…4
Max. conductor AWG		26 AWG…12 AWG	26 AWG…12 AWG
Plug gauge to 60947-1		A3	A3
Information		Continuous lower current bar	Cut-off lower current bar

Ordering data

Individual parts		Type	Qty.	Order No.	Type	Qty.	Order No.
Moulding for TS35	with connection element						
	for connection element						
	for mounting rail contact, for connection element						
For mounting rail TS32	with connection element	DKT 4D	50	**1686940000**	DKT 4 GTSE	50	**1115660000**
Frame for TS35							
Frame for TS35	for connection element						
Frame for TS32							
Top part	open						
	closed						
Current bars (w. tension clamp)	short version						
	long version						
Current bars	horizontal						
	vertical						
Clamp. yoke unit	clamp. yoke + screw						
Screw							
Clamping yoke							
Mounting rail contact	current bar						
	spring						
Information							

Accessories

End plate	Type	Qty.	Order No.	Type	Qty.	Order No.
	AP DKT4 PA	20	**0687560000**	AP DKT4 PA	20	**0687560000**
Labelling system						

Articles with coloured order number are kept permanently in stock at the central warehouse in Germany.
Delivery times see page X.2

Housings, terminal form

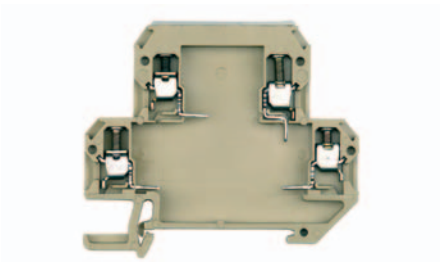
DKT 4-6

Maximum equipment level is 4 busbars plus 4 clamping yoke units. The available space for fittings and the number of connections can be doubled by adding one extra frame.

A DKT 4-6 series enclosure consists of:

- 1 terminal holder
- 1 top section
- 1-4 busbars
- 1-4 clamping yoke units
- 1 frame (if required)
- 1 end plate (if required)

DKT 4-6



Technical data

General data		
Dimensions W x L x H (w. TS35 x 7.5)	mm	6 / 65 / 56
Dimensions W x L x H (w. TS32)	mm	
No. of connections	total	4
	left / right / top	2 / 2
Access for calibration		
Shielding		not available
Contact to the mounting rail		-
Max. power loss		
Number of PCB per module		1
PCB-connection		
Thickness of PCB		
Class of protection		IP 20
Tightening torque range		0.5…1.0 Nm
Stripping length		7
Pollution severity		3
Flammability class acc. UL94		V2
Colour of insulating material		beige

Clampable conductors (H05V/H07V)	Clamp. yoke connection	Tension clamp connection
Solid	0.5…4	
Flexible	0.5…4	
Max. conductor AWG	26 AWG…12 AWG	
Plug gauge to 60947-1		

Information

Ordering data

Individual parts		Type	Qty.	Order No.
Moulding for TS35	with connection element			
	for connection element	KLTR DKT 4/35 6-SERIES	1	**3017730000**
	for mounting rail contact, for connection element			
For mounting rail TS32	with connection element			
Frame for TS35				
Frame for TS35	for connection element			
Frame for TS32				
Top part	open	KOPL DKT 4	18	**2158440000**
	closed	KOPL DKT4/5 ESD	18	**2198360000**
Current bars (w. tension clamp)	short version			
	long version			
Current bars	horizontal	SMSE GSE5 SE	1	**2047250000**
	vertical	SMSE GSE5 WAAGER.	3000	**2047230000**
Clamp. yoke unit	clamp. yoke + screw			
Screw		KLSC M2.5X7 SAK2.5/SO	1	**2016770000**
Clamping yoke		ZB DLI2.5	1	**2232500000**
Mounting rail contact	current bar			
	spring			

Information

Accessories

End plate	Type	Qty.	Order No.
	AP DKT4 PA	20	**0687560000**

Labelling system

Articles with coloured order number are kept permanently in stock at the central warehouse in Germany.
Delivery times see page X.2

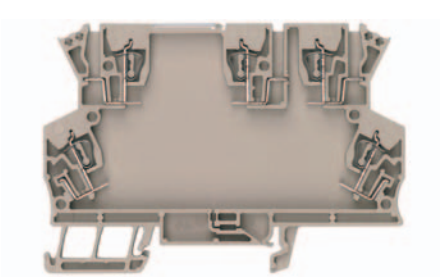
Housings, terminal form

MCZ 1.5

The transparent pivotable top plate is used for labelling and calibration. Maximum equipment level requires 2 short and 3 long busbars. The available space for fittings and the number of connections can be doubled by adding one extra frame. CAD drawings that ease the production of layouts and equipping of boards (details of blocked area, max. component heights, pads, etc.), are available on request. The MCZ housing consists of:

- 1 terminal holder,
- 1 top plate,
- 1 to 5 busbars with tension spring,
- 1 end plate (if required).

MCZ 1.5



Technical data

General data		
Dimensions W x L x H (w. TS35 x 7.5)	mm	6 / 91.3 / 63.5
Dimensions W x L x H (w. TS32)	mm	
No. of connections	total	5
	left / right / top	1 / 3 / 1
Access for calibration		moveable top plate
Shielding		not available
Contact to the mounting rail		grounding-contact
Max. power loss		
Number of PCB per module		1
PCB-connection		soldered connection, directly
Thickness of PCB		1.0 (+ 0.2) mm
Class of protection		IP 20
Tightening torque range		
Stripping length		6
Pollution severity		3
Flammability class acc. UL94		V2
Colour of insulating material		beige

Clampable conductors (H05V/H07V)	Clamp. yoke connection	Tension clamp connection
Solid	0.5…1.5	
Flexible	0.5…1.5	
Max. conductor AWG	26 AWG…16 AWG	
Plug gauge to 60947-1		

Information

Ordering data

Individual parts		Type	Qty.	Order No.
Moulding for TS35	with connection element			
	for connection element	GH MCZ1.5	1	**2224220000**
	for mounting rail contact, for connection element	GH MCZUE1.5	1	**2238930000**
For mounting rail TS32	with connection element			
Frame for TS35		RA MCZ1.5	25	**2224240000**
Frame for TS35	for connection element			
Frame for TS32				
Top part	open	KOPL MCZ1.5	18	**2224040000**
	closed			
Current bars (w. tension clamp)	short version	SMSE KU FE MCZ 1.5	1	**2224390000**
	long version	SMSE LN FE MCZ 1.5	1	**2224380000**
Current bars	horizontal			
	vertical			
Clamp. yoke unit	clamp. yoke + screw			
Screw				
Clamping yoke				
Mounting rail contact	current bar	SMSE UE MCZ1.5	1	**2239510000**
	spring	KOFE ZDL2.5S	1	**2226380000**

Information

Accessories

End plate	Type	Qty.	Order No.
	AP MCZ1.5	50	**8389030000**

Labelling system

Articles with coloured order number are kept permanently in stock at the central warehouse in Germany.
Delivery times see page X.2