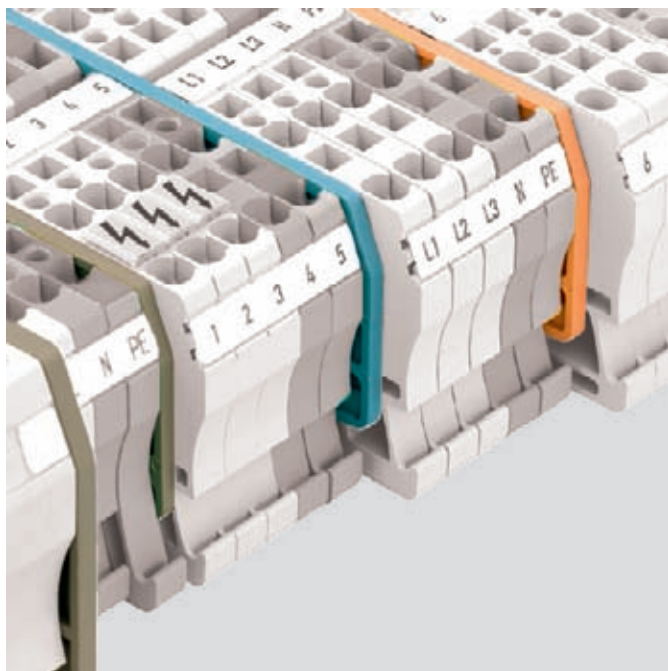


Accessories - Optical separation

End plates



Touch-safe protection

The last terminal in a terminal strip must be closed off with a ZAP/TW-type end plate. End plates must also be used within a terminal strip when it makes use of terminals of different sizes. This ensures that the touch-safe requirement is met for live-voltage components and that the terminals are touch-safe.

Optical separation

Coloured end plates are very frequently used for optically distinguishing the circuits.

Ensuring the operating voltage

End plates can also be used to maintain the required clearance and creepage distances, in order to guarantee the rated voltage for the application. They can be used when cross-connections are used side-by-side.

Contour matching

The overall dimensions of the end plates match the external dimensions of the associated terminal.

Mounting

The end plate's snap-in pegs allow it to be simply fitted on to the corresponding terminal. The corresponding indentations in the terminal are used to ensure that position follows the identical contours.

... for standard terminals

Type	Width	2 mm	Colour	Qty	Order No.	For terminal:
ZAP/TW ZDU1.5/2AN			beige	20	1776030000	ZDU 1.5
ZAP/TW ZDU1.5/2AN BL			blue	20	1776040000	ZDU 1.5 BL
ZAP/TW ZDU1.5/2AN OR			Orange	20	1776050000	ZPE 1.5
Width	2 mm					
ZAP/TW ZDU1.5/3AN			beige	20	1776060000	ZDU 1.5/3 AN
ZAP/TW ZDU1.5/3AN BL			blue	20	1776070000	ZDU 1.5/3 AN/BL
ZAP/TW ZDU1.5/3AN OR			Orange	20	1776080000	ZPE 1.5/3AN
Width	2 mm					
ZAP/TW ZDU1.5/4AN			beige	20	1776090000	ZDU 1.5 2X2AN
ZAP/TW ZDU1.5/4AN BL			blue	20	1776100000	ZDU 1.5 2X2AN BL
ZAP/TW ZDU1.5/4AN OR			Orange	20	1776110000	ZDU 1.5/4 AN
						ZDU 1.5/4 AN/BL
						ZPE 1.5/4AN
Width	2 mm					
ZAP/TW ZDK1.5			dark beige	20	1791160000	ZDK 1.5
ZAP/TW ZDK1.5 BL			blue	20	1791170000	ZDK 1.5 BL
ZAP/TW ZDK1.5 OR			Orange	20	1791180000	ZDK 1.5 PE
						ZDK 1.5DU-PE
						ZDK 1.5V
						ZDK 1.5V BL
Width	2 mm					
ZAP/TW 1			dark beige	50	1608740000	ZDU 2.5
ZAP/TW 1 BL			blue/light blue	50	1608750000	ZDU 2.5 BL
ZAP/TW 1 GN			green	50	1683680000	ZPE 2.5
ZAP/TW 1 GR			grey	50	1683710000	ZTR 2.5
ZAP/TW 1 OR			Orange	50	1608760000	ZTR 2.5 BL
ZAP/TW 1 RT			red	50	1683660000	ZTR 2.5/O. TNHE
Width	2 mm					
ZAP/TW 2 BL			blue/light blue	50	1608780000	ZDU 2.5/3AN
ZAP/TW 2 DB			dark beige	50	1608770000	ZDU 2.5/3AN BL
ZAP/TW 2 GN			green	50	1683760000	ZPE 2.5/3AN
ZAP/TW 2 OR			Orange	50	1608790000	
Width	2 mm					
ZAP/TW 3			dark beige	50	1608800000	ZDU 2.5/2X2AN
ZAP/TW 3 BL			blue/light blue	50	1608810000	ZSI 2.5
ZAP/TW 3 GN			green	50	1683840000	ZSI 2.5/5X25
ZAP/TW 3 GR			grey	50	1683870000	ZSI 2.5/LD 120AC
ZAP/TW 3 OR			Orange	50	1608820000	ZSI 2.5/LD 250AC
ZAP/TW 3 RT			red	50	1683820000	ZSI 2.5/LD 28AC
ZAP/TW 3 SW			black	50	1683890000	ZSI 2.5/LD 60AC
ZAP/TW 3 WS			white	50	1683880000	ZTR 2.5/3AN
						ZTR 2.5/3AN BL
						ZTR 2.5/3AN/O. TNHE
						ZTR 2.5/4AN
						ZDU 2.5/2X2AN BL
						ZTR 2.5/4AN BL
						ZTR 2.5/4AN/O. TNHE
						ZDU 2.5/2X2AN/D+
						ZDU 2.5/2X2AN/D-
						ZDU 2.5/2X2AN/LD+
						ZDU 2.5/2X2AN/LD-
						ZDU 2.5/4AN
						ZDU 2.5/4AN BL
						ZPE 2.5/4AN
Width	1.5 mm					
ZAP/TW ZDK2.5			dark beige	20	1674730000	ZDK 2.5
ZAP/TW ZDK2.5 BL			blue/light blue	20	1748800000	ZDK 2.5/D/1
ZAP/TW ZDK2.5 OR			Orange	20	1690080000	ZDK 2.5/D/2
						ZDK 2.5/D/4
						ZDK 2.5/D/5
						ZDK 2.5/D/6
						ZDK 2.5/LD RT/1
						ZDK 2.5/LD RT/2
						ZDK 2.5V
						ZDK 2.5 BL
						ZDK 2.5 DU-PE
						ZDK 2.5 EM
						ZDK 2.5 N-DU
						ZDK 2.5 N-PE
						ZDK 2.5 OR
						ZDK 2.5 PE
						ZDK 2.5 V BL

... for standard terminals

Type	Colour	Qty	Order No.	For terminal:
Width 1.5 mm				
ZAP ZDL2.5-2	dark beige	20	1718370000	ZDL2 2.5-2 N
ZAP/TW ZDL2.5-2N	dark beige	20	1782340000	ZDL2 2.5-2 N/BL
ZAP/TW ZDL2.5-2N BL	blue	20	1782350000	ZDL2 2.5-2 VN
				ZDL2 2.5-2 VN/BL
Width 1.5 mm				
ZAP ZMAK2.5	dark beige	10	1768010000	ZMAK 2.5
Width 1.5 mm				
AP ZDTR2.5	dark beige	20	1745420000	ZDTR 2.5
AP ZDTR2.5 BL	blue	20	1798340000	ZDTR 2.5 BL
Width 2 mm				
ZAP/TW 4 BL	blue/light blue	50	1632100000	ZDU 4
ZAP/TW 4	dark beige	50	1632090000	ZDU 4 BL
ZAP/TW 4 GN	green	50	1683920000	ZPE 4
ZAP/TW 4 OR	Orange	50	1632110000	
Width 2 mm				
ZAP/TW 4/3AN BL	blue	20	7904110000	ZDU 4/3AN
ZAP/TW 4/3AN OR	Orange	20	7904120000	ZDU 4/3AN BL
ZAP/TW 4/3AN	dark beige	20	7904100000	ZPE 4/3AN
Width 2 mm				
ZAP/TW4/4AN	dark beige	20	7904210000	ZDU 4/4AN
ZAP/TW4/4AN BL	blue	20	7904220000	ZDU 4/4AN BL
ZAP/TW4/4AN OR	Orange	20	7904230000	ZPE 4/4AN
Width 2 mm				
ZAP/TW 5	dark beige	50	1608830000	ZDU 6
ZAP/TW 5 BL	blue/light blue	50	1608840000	ZDU 6 BL
ZAP/TW 5 OR	Orange	50	1608850000	ZPE 6
Width 2 mm				
ZAP/TW6/3AN BL	blue	20	7907380000	ZDU 6/3AN
ZAP/TW6/3AN OR	Orange	20	7907390000	ZDU 6/3AN BL
ZAP/TW6/3AN	dark beige	20	7907370000	ZPE 6/3AN
Width 2.7 mm				
ZAP/TW ZDU10	beige	20	1748660000	ZDU 10
ZAP/TW ZDU10 BL	blue/light blue	20	1764110000	ZDU 10 BL
ZAP/TW ZDU10 OR	Orange	20	1748670000	ZPE 10
Width 3 mm				
ZAP/TW 10/16	beige	20	1749580000	ZDU 10/3AN
ZAP/TW 10/16 BL	blue	20	1768520000	ZDU 10/3AN BL
ZAP/TW 10/16 OR	Orange	20	1749590000	ZDU 16/3AN
				ZDU 16/3AN BL
				ZPE 10/3AN
				ZPE 16/3AN
Width 3 mm				
ZAP/TW ZDU16	dark beige	20	1745150000	ZDU 16
ZAP/TW ZDU16 BL	blue/light blue	20	1764100000	ZDU 16 BL
ZAP/TW ZDU16 OR	Orange	20	1745160000	ZPE 16

... for roof-style terminals

Type	Colour	Qty	Order No.	For terminal:
Width 2.5 mm				
ZAP/TW7	dark beige	50	1706110000	ZDU 2.5-2
ZAP/TW7 BL	blue/light blue	50	1706120000	ZDU 2.5-2 BL
ZAP/TW7 OR	Orange	50	1706130000	ZDU 2.5-2/3AN
				ZDU 2.5-2/3AN BL
				ZDU 2.5-2/4AN
				ZDU 2.5-2/4AN BL
				ZDU 2.5-2/D+
				ZDU 2.5-2/D-
				ZPE 2.5-2
				ZPE 2.5-2/3AN
				ZPE 2.5-2/4AN
				ZTR 2.5-2
				ZTR 2.5-2 BL
				ZTR 2.5-2/O.TNHE
Width 2 mm				
ZAP/TW ZDK2.5-2	dark beige	20	1791050000	ZDK 2.5-2
ZAP/TW ZDK2.5-2 BL	blue	20	1791060000	ZDK 2.5-2 BL
ZAP/TW ZDK2.5-2 OR	Orange	20	1791070000	ZDK 2.5-2 PE
				ZDK 2.5V
				ZDK 2.5V BL

... for roof-style terminals

Type	Colour	Qty	Order No.	For terminal:
Width 2 mm				
ZAP/TW ZDKPE2.5-2	dark beige	25	1805960000	ZDKPE 2.5-2
				ZDKPE 2.5-2/N/L/PE
Width 2 mm				
ZAP ZDU4-2	dark beige	50	1770400000	ZDU 4-2/2AN
ZAP ZDU4-2 BL	blue	50	1770880000	ZDU 4-2/2AN BL
ZAP ZDU4-2 OR	Orange	50	1770890000	ZDU 4-2/3AN
				ZDU 4-2/3AN BL
				ZDU 4-2/3AN LSC
				ZPE 4-2/2AN
				ZPE 4-2/3AN
Width 2 mm				
ZAP ZDU4-2/4AN	dark beige	50	1807010000	ZDU 4-2/4AN
ZAP ZDU4-2/4AN BL	blue	50	1807020000	ZDU 4-2/4AN BL
ZAP ZDU4-2/4AN OR	Orange	50	1807030000	ZPE 4-2/4AN
Width 2.5 mm				
ZAP ZDU6-2	dark beige	50	1771440000	ZDU 6-2/2AN
ZAP ZDU6-2 BL	blue	50	1771450000	ZSI 6-2 2X2.5/G20
ZAP ZDU6-2 OR	Orange	50	1771460000	ZSI 6-2 2X2.5/G20/LD1
ZAP ZDU6-2 SW	black	50	1814710000	ZSI 6-2 2X2.5/G20/LD2
				ZSI 6-2 2X2.5/G20/LD3
				ZSI 6-2 2X2.5/G20/LD4
				ZSI 6-2/FC
				ZSI 6-2/FC LD
				ZTR 6-2
				ZTR 6-2 E / 230V UC
				ZTR 6-2 E / 24V DC
				ZDU 6-2/2AN BL
				ZDU 6-2/3AN
				ZDU 6-2/3AN BL
				ZPE 6-2/2AN
				ZPE 6-2/3AN
				ZSI 2.5-2/2X2AN/G20
				ZSI 2.5-2/2X2AN/G20/LD1
				ZSI 2.5-2/2X2AN/G20/LD2
Width 2.5 mm				
ZAP/Z...16-2/1AN	dark beige	10	1772970000	ZPE 16-2/1AN

... for initiator-actuator terminals

Type	Colour	Qty	Order No.	For terminal:
Width 5.1 mm				
ZAP/TW ZPV1.5	dark beige	50	1674650000	ZAP/TW ZPV1.5
				ZPV 1.5
Width 5.1 mm				
ZAP/TW ZIA1.5/3L	beige	50	1649540000	ZIA 1.5/3L-1S
				ZIA 1.5/3L-1S/LD
				ZIA 1.5/3L-PE
Width 5.1 mm				
ZAP/TWZIA1.5/4L	beige	50	1649550000	ZIA 1.5/4L-1S
				ZIA 1.5/4L-1S/LD
				ZIA 1.5/4L-PE
Width 5 mm				
AP ZRV1.5 DB	dark beige	10	1698180000	