

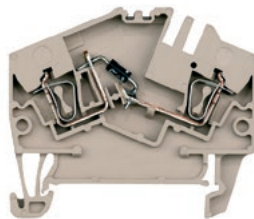
Spring connection with tension clamp technology (Z-Series)

Terminal blocks with electronic components

ZDU 2.5-2/D+

2.5 mm²

Diode circuit



ZDU 2.5-2 0.EL

2.5 mm²

Diode circuit



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

5.1 x 50.5 x 43.5	
0.5 / 2.5	
0.05...2.5	

5.1 x 50.5 x 43.5	
0.5 / 2.5	
0.05...2.5	

Technical data

Rated data	
Rated voltage of feed-through terminal	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Component 1	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-
Component diode	
Type diode	
Forward current	
Reverse voltage	
Forward voltage	
Component LED	
Colour	
Voltage, min.	
Voltage, max.	
Current	
Component resistor	
Resistance	
Power loss	
Tolerance (%)	
Note	

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
400	600	600	
0.5	1	1	
2.5	AWG 26...12	AWG 26...12	
6 kV / 3			
A2 / V-0			
Diode 1N 4007 /			

CE ENE

Rated connection	
0.5...2.5	
0.5...2.5 / 1.5...1.5	
10 / 0.6 x 3.5 mm	

1N4007
1A
1300V
0.7V

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
400			
1			
2.5			
6 kV / 3			
A2 / V-0			
Diode 1N 4007 /			

CE ENE

Rated connection	
0.5...2.5	
0.5...2.5 / 1.5...1.5	
10 / 0.6 x 3.5 mm	

Ordering data

Version	
dark beige	
dark beige (red LED)	
Orange	
Note	

Type	Qty.	Order No.
ZDU 2.5-2/D+	20	1779110000

Type	Qty.	Order No.
ZDU 2.5-2 0.EL	20	1868870000

Accessories

Plug-in cross-connection	
2-pole	
10-pole	
4-pole	
End plate / Partition plate	
Blue	
dark beige	
End bracket	
dark beige	
Screwdriver	
Standard	
Marking tags	

Type	Qty.	Order No.
ZQV 2.5/2	24 A 60	1608860000
ZQV 2.5/10	24 A 20	1608940000
ZAP/TW7	50	1706110000
ZEW 35	20	9540000000
SDIS SLIM 0.6X3.5X100	1	2749610000
DEK 5/5 MC NE WS	1000	1609801044
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000

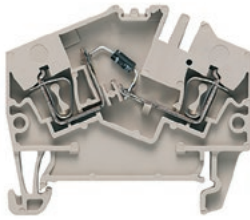
Type	Qty.	Order No.
ZQV 2.5/2	24 A 60	1608860000
ZQV 2.5/10	24 A 20	1608940000
ZAP/TW7	50	1706110000
ZEW 35	20	9540000000
SDIS SLIM 0.6X3.5X100	1	2749610000
DEK 5/5 MC NE WS	1000	1609801044
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000

For detailed information on other accessories and application in the online catalogue

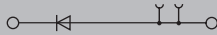
ZDU 2.5-2/D-

2.5 mm²

Diode circuit



5.1 x 50.5 x 43.5
0.5 / 2.5
0.05...2.5



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
400	600	600	
0.5	1	1	
2.5	AWG 26...12	AWG 26...12	
6 kV / 3			
A2 / V-0			
Diode 1N 4007 /			

CE ENE

Rated connection

0.5...2.5
0.5...2.5 / 1.5...1.5
10 / 0.6 x 3.5 mm

1N4007

1A

1300V

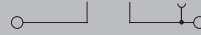
0.7V

ZDU 6-2 0.EL

6 mm²



8.1 x 70 x 51
0.5 / 10
0.5...10



IEC	UL	CSA	EN 60079-7
6			
	/ 3		
	/ V-0		

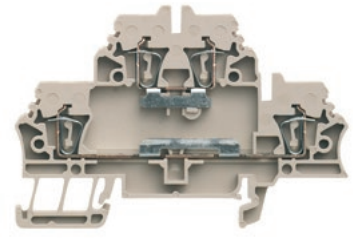
Rated connection

0.5...10 / 0.5...10
0.5...10 / 0.5...6
/ 0.6 x 3.5 mm

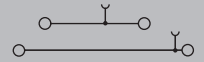
ZDK 2.5 EM

2.5 mm²

Double-level terminal



5.1 x 79.5 x 53
20 / 2.5
0.05...2.5



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500	300		
20	15		
2.5	AWG 26...14		
6 kV / 3			
A2 / V-0			

CE ENE

Rated connection

0.5...2.5
0.5...2.5 / 0.5...2.5
10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
ZDU 2.5-2/D-	20	1779000000

Type	Qty.	Order No.
ZDU 6-2 0.EL	20	2855270000

Type	Qty.	Order No.
ZDK 2.5 EM	50	1768800000
ZDK 2.5 OR	50	1694140000

Type	Qty.	Order No.
ZQV 2.5/2	24 A 60	1608860000
ZQV 2.5/10	24 A 20	1608940000
ZAP/TW7	50	1706110000
ZEW 35	20	9540000000
SDIS SLIM 0.6X3.5X100	1	2749610000
DEK 5/5 MC NE WS	1000	1609801044
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000

Type	Qty.	Order No.
ZQV 6/2 GE	41 A 60	1627850000
ZQV 6/4 GE	41 A 60	1627870000
ZAP ZDU6-2	50	1771440000
ZEW 35	20	9540000000
SDIS SLIM 0.8X4.0X100	1	2749620000
DEK 5/8 MC NE WS	800	1856740000
WS 8/8 MM WS	500	2007170000
DEK 5/8 MM WS	500	2007130000

Type	Qty.	Order No.
ZQV 2.5/2	24 A 60	1608860000
ZQV 2.5/10	24 A 20	1608940000
ZAP/TW ZDK2.5 BL	20	1748800000
ZAP/TW ZDK2.5	20	1674730000
ZEW 35	20	9540000000
SDIS SLIM 0.6X3.5X100	1	2749610000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/5 MC NE WS	720	1609860000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000

ZVQ 2.5/1.5 (1720700000) connects the upper and lower layer.