

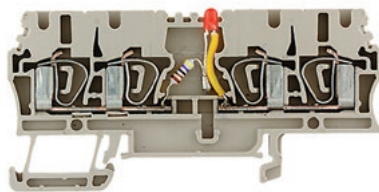
Spring connection with tension clamp technology (Z-Series)

Terminal blocks with electronic components

ZDU 2.5/2x2AN/LD+

2.5 mm²

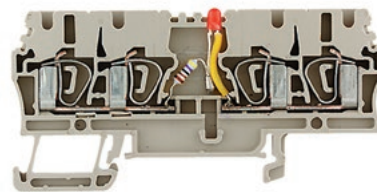
LED indicator



ZDU 2.5/2x2AN/LD-

2.5 mm²

LED indicator



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

5.1 x 79.5 x 38.5	
/ 4	
0.05...4	

5.1 x 79.5 x 38.5	
/ 4	
0.05...4	

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	
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IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
24			
0.05			
2.5			
	6 kV / 3		
	A3 / V-0		

CE EMC

Rated connection	
0.5...4	
0.5...4 / 1.5...2.5	
10 / 0.6 x 3.5 mm	

Component diode	
Type diode	
Forward current	
Reverse voltage	
Forward voltage	
Component LED	
Colour	red
Voltage, min.	6V
Voltage, max.	24V
Current	20mA
Component resistor	
Resistance	4.7kOhm
Power loss	0.4W
Tolerance (%)	1%

IEC 60947-7-1

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24			
0.05			
2.5			
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CE EMC

Rated connection	
0.5...4	
0.5...4 / 1.5...2.5	
10 / 0.6 x 3.5 mm	

Component diode	
Type diode	
Forward current	
Reverse voltage	
Forward voltage	
Component LED	
Colour	red
Voltage, min.	6V
Voltage, max.	24V
Current	20mA
Component resistor	
Resistance	4.7kOhm
Power loss	0.4W
Tolerance (%)	1%

Ordering data

Version	
	dark beige
	dark beige (red LED)
Note	

Type	Qty.	Order No.
ZDU 2.5/2X2AN/LD+	20	1692590000

Type	Qty.	Order No.
ZDU 2.5/2X2AN/LD-	20	1692600000

Accessories

End plate / Partition plate	
	dark beige
Reducing sleeves	
	for conductors < 1.0 mm ² / AWG 18
	for conductors < 0.5 mm ² / AWG 20
End bracket	
	dark beige
Screwdriver	
	Standard
Marking tags	

Type	Qty.	Order No.
ZAP/TW 3	50	1608800000
ZRH 2.5/2 GR/V0	1000	1614290000
ZRH 2.5/1 WS	1000	1614300000
ZEW 35	20	9540000000
SDIS SLIM 0.6X3.5X100	1	2749610000
DEK 5/5 MC NE WS	1000	1609801044
WS 10/5 MC NE WS	720	1635000000
DEK 5/5 MM WS	800	2007110000

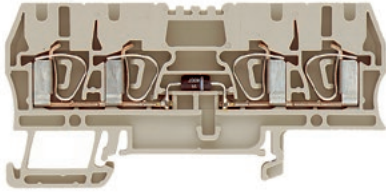
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For detailed information on other accessories and application in the online catalogue

ZDU 2.5/2x2AN/D+

2.5 mm²

Diode circuit



5.1 x 79.5 x 38.5

0.5 / 4

0.5...4



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
400			
0.5			
2.5			
6 kV / 3			
A3 / V-0			
Diode 1N 4007 /			

CE

Rated connection

0.5...4

0.5...4 / 1.5...2.5

10 / 0.6 x 3.5 mm

1N4007

1A

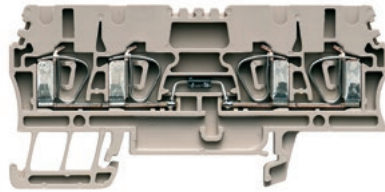
1300V

0.7V

ZDU 2.5/2x2AN/D-

2.5 mm²

Diode circuit



5.1 x 79.5 x 38.5

0.5 / 4

0.5...4



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
400			
0.5			
2.5			
6 kV / 3			
A3 / V-0			
Diode 1N 4007 /			

CE

Rated connection

0.5...4

0.5...4 / 1.5...2.5

10 / 0.6 x 3.5 mm

1N4007

1A

1300V

0.7V

Type	Qty.	Order No.
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