

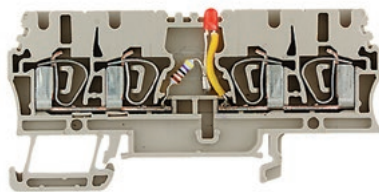
Spring connection with tension clamp technology (Z-Series)

Terminal blocks with electronic components

ZDU 2.5/2x2AN/LD+

2.5 mm²

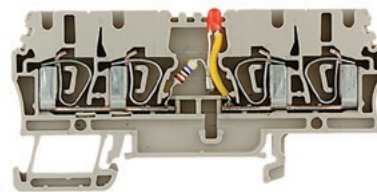
LED indicator



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%

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

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

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

Ordering data

Version	
	dark beige
	dark beige (red LED)

Note	
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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	
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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
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SDIS SLIM 0.6X3.5X100	1	2749610000
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DEK 5/5 MC NE WS	1000	1609801044
WS 10/5 MC NE WS	720	1635000000
DEK 5/5 MM WS	800	2007110000

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
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SDIS SLIM 0.6X3.5X100	1	2749610000
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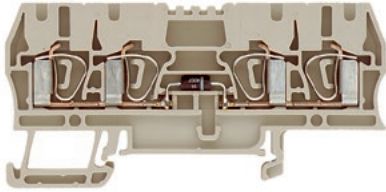
DEK 5/5 MC NE WS	1000	1609801044
WS 10/5 MC NE WS	720	1635000000
DEK 5/5 MM WS	800	2007110000

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

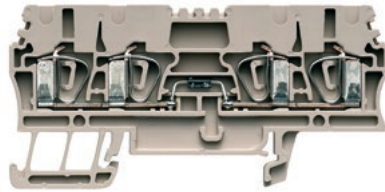
1300V

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.
ZDU 2.5/2X2AN/D+	20	1650340000

Type	Qty.	Order No.
ZDU 2.5/2X2AN/D-	20	1650350000

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

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



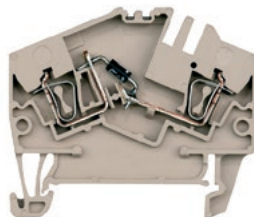
Spring connection with tension clamp technology (Z-Series)

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

Note

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

Note

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	
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Type	Qty.	Order No.
ZQV 2.5/2	24 A 60	1608860000
ZQV 2.5/10	24 A 20	1608940000

ZAP/TW7	
	50

ZEW 35	
	20

SDIS SLIM 0.6X3.5X100	
	1

DEK 5/5 MC NE WS	
	1000

DEK 5/5 MM WS	
	800

WS 8/5 MM WS	
	800

Type	Qty.	Order No.
ZQV 2.5/2	24 A 60	1608860000
ZQV 2.5/10	24 A 20	1608940000

ZAP/TW7	
	50

ZEW 35	
	20

SDIS SLIM 0.6X3.5X100	
	1

DEK 5/5 MC NE WS	
	1000

DEK 5/5 MM WS	
	800

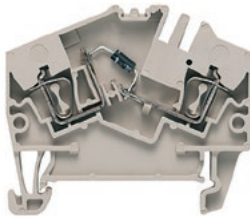
WS 8/5 MM WS	
	800

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

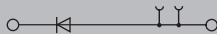
ZDU 2.5-2/D-

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

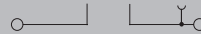
0.7V

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		

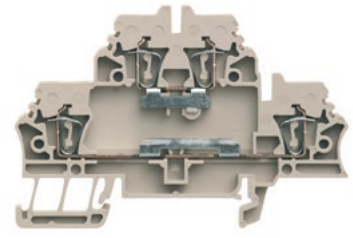
Rated connection

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

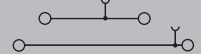
ZDK 2.5 EM

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.

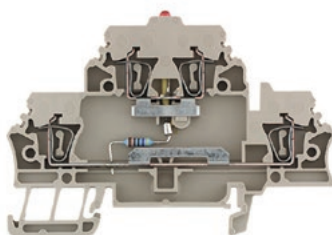
Spring connection with tension clamp technology (Z-Series)

Terminal blocks with electronic components

ZDK 2.5/LD RT/1

2.5 mm²

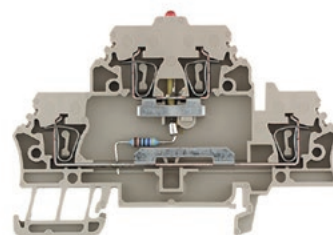
LED circuit



ZDK 2.5/LD RT/2

2.5 mm²

LED circuit



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

5.1 x 79.1 x 53	
10 / 2.5	
0.05...2.5	

5.1 x 79.1 x 53	
10 / 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	
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IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
24			
10			
2.5	AWG 26...14		
	/ 3		
	A2 / V-0		

CE GS ENEC KEMA VDE

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

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IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
24			
10			
2.5	AWG 26...14		
	/ 3		
	A2 / V-0		

CE GS ENEC KEMA VDE

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

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Ordering data

Version	
	dark beige
	dark beige (red LED)
	Orange
Note	

Type	Qty.	Order No.
ZDK 2.5/LD RT/1	50	1690010000

Type	Qty.	Order No.
ZDK 2.5/LD RT/2	50	1693940000

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/TW ZDK2.5	20	1674730000
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

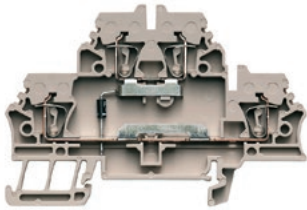
Type	Qty.	Order No.
ZQV 2.5/2	24 A 60	1608860000
ZQV 2.5/10	24 A 20	1608940000
ZAP/TW ZDK2.5	20	1674730000
ZEW 35	20	9540000000
SDIS SLIM 0.6X3.5X100	1	2749610000
DEK 5/5 MC NE WS	1000	1609801044
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000

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

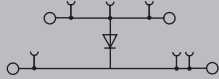
ZDK 2.5/D/1

2.5 mm²

Diode circuit



5.1 x 79.1 x 53
0.5 / 2.5
0.05...2.5



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500	300		
0.5	15		
2.5	AWG 26...14		
6 kV / 3			
A2 / V-0			
Diode 1N 4007 /			

CE ENEC KEMA VDE

Rated connection

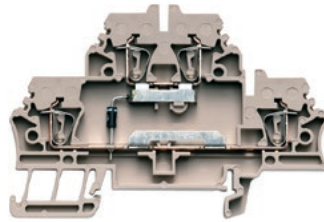
0.5...2.5
0.5...2.5 / 0.5...1.5
10 / 0.6 x 3.5 mm

1N4007
1A
1300V
0.7V

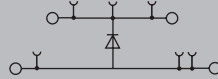
ZDK 2.5/D/2

2.5 mm²

Diode circuit



5.1 x 79.1 x 53
0.5 / 2.5
0.05...2.5



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500	300		
0.5	15		
2.5	AWG 26...14		
6 kV / 3			
A2 / V-0			
Diode 1N 4007 /			

CE ENEC KEMA VDE

Rated connection

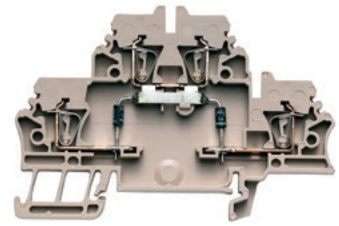
0.5...2.5
0.5...2.5 / 0.5...1.5
10 / 0.6 x 3.5 mm

1N4007
1A
1300V
0.7V

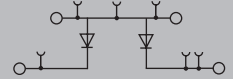
ZDK 2.5/D/4

2.5 mm²

Diode circuit



5.1 x 79.1 x 53
0.5 / 2.5
0.05...2.5



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500	300		
0.5	15		
2.5	AWG 26...14		
6 kV / 3			
A2 / V-0			
Diode 1N 4007 / Diode 1N 4007			

CE ENEC KEMA VDE

Rated connection

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

1N4007
1A
1300V
0.7V

Type	Qty.	Order No.
ZDK 2.5/D/1	50	1690020000

Type	Qty.	Order No.
ZDK 2.5/D/2	50	1690030000

Type	Qty.	Order No.
ZDK 2.5/D/4	50	1690040000

Type	Qty.	Order No.
ZQV 2.5/2	24 A 60	1608860000
ZQV 2.5/10	24 A 20	1608940000
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
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/TW ZDK2.5	20	1674730000
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/TW ZDK2.5	20	1674730000
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

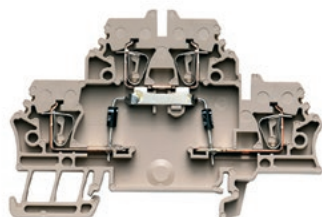
Spring connection with tension clamp technology (Z-Series)

Terminal blocks with electronic components

ZDK 2.5/D/5

2.5 mm²

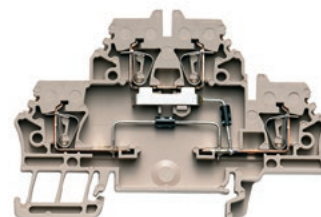
Diode circuit



ZDK 2.5/D/6

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 79.1 x 53	
0.5 / 2.5	
0.05...2.5	

5.1 x 79.1 x 53	
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
500	300		
0.5	15		
2.5	AWG 26...14		
	6 kV / 3		
	A2 / V-0		
	Diode 1N 4007 / Diode 1N 4007		

CE GS ENEC KEMA VDE

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

1N4007
1A
1300V
0.7V

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500	300		
0.5	15		
2.5	AWG 26...14		
	6 kV / 3		
	A2 / V-0		
	Diode 1N 4007 / Diode 1N 4007		

CE GS ENEC KEMA VDE

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

1N4007
1A
1300V
0.7V

Ordering data

Version	
dark beige	
dark beige (red LED)	
Orange	
Note	

Type	Qty.	Order No.
ZDK 2.5/D/5	50	1690050000
Note		

Type	Qty.	Order No.
ZDK 2.5/D/6	50	1690060000
Note		

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	

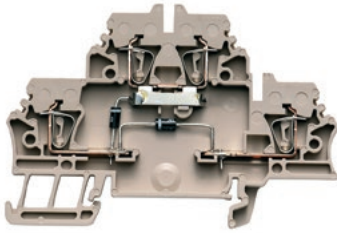
Type	Qty.	Order No.
ZQV 2.5/2	24 A 60	1608860000
ZQV 2.5/10	24 A 20	1608940000
Note		
ZAP/TW ZDK2.5	20	1674730000
ZEW 35	20	9540000000
SDIS SLIM 0.6X3.5X100	1	2749610000
DEK 5/5 MC NE WS	1000	1609801044
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000

Type	Qty.	Order No.
ZQV 2.5/2	24 A 60	1608860000
ZQV 2.5/10	24 A 20	1608940000
Note		
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
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000

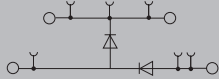
For detailed information on other accessories and application in the online catalogue

ZDK 2.5/D/9

2.5 mm²



5.1 x 79.1 x 53
0.5 / 2.5
0.05...2.5



IEC	UL	CSA	EN 60079-7
500	300		
0.5	15		
2.5	AWG 26...14	AWG 26...12	
/ 3			
/ V-0			
Diode /			



Rated connection
0.5...2.5 / 0.5...2.5
0.5...2.5 / 0.5...2.5

1N4007
1A
1300V
0.7V

Type	Qty.	Order No.
ZDK 2.5/D/9	50	2738140000

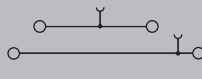
Type	Qty.	Order No.
ZQV 2.5/2	24 A 60	1608860000
ZQV 2.5/10	24 A 20	1608940000
ZAP/TW ZDK2.5	20	1674730000
ZEW 35	20	9540000000
SDIS SLIM 0.6X3.5X100	1	2749610000
DEK 5/5 MC NE WS	1000	1609801044
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000

ZDK 4-2 EL

Double-level terminal



6.1 x 77.6 x 60
32 / 6
0.13...6



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800			
32			
4			
8 kV / 3			
A3 / V-0			



Rated connection
0.5...6
0.5...4
10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
ZDK 4-2 EL	50	8709760000

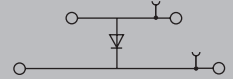
Type	Qty.	Order No.
ZQV 4/2 GE	32 A 60	1608950000
ZQV 4/10 GE	32 A 20	1609030000
ZAP/TW ZDK4-2	50	8670760000
ZEW 35	20	9540000000
SDIS SLIM 0.6X3.5X100	1	2749610000
DEK 5/6 MM WS	600	2007120000
WS 8/6 MM WS	600	2007160000

ZDK 4-2/D forward

4 mm²



6.1 x 77.6 x 60
0.5 / 6
0.13...6



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800	600	600	
0.5	1	1	
4	AWG 26...10	AWG 26...10	
8 kV / 3			
A3 / V-0			
Diode 1N 4007 /			



Rated connection
0.5...6 / 1.5...4
0.5...4
10 / 0.6 x 3.5 mm

1N4007
1A
1300V
0.7V

Type	Qty.	Order No.
ZDK 4-2/D FORWARD	50	8670520000

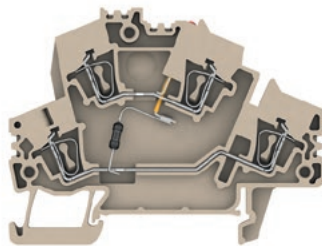
Type	Qty.	Order No.
ZQV 4/2 GE	32 A 60	1608950000
ZQV 4/10 GE	32 A 20	1609030000
ZAP/TW ZDK4-2	50	8670760000
ZEW 35	20	9540000000
SDIS SLIM 0.6X3.5X100	1	2749610000
DEK 5/6 MC NE WS	1000	1609820000
DEK 5/6 MM WS	600	2007120000
WS 8/6 MM WS	600	2007160000



Terminal blocks with electronic components

2.5 mm²

Diode circuit



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

5.1 x 72.5 x 53
20 / 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	

IEC 60947-7-1			
IEC	UL	CSA	EN 60079-7
24			
10			
2.5			
/ 3			
A2 / V-0			
LED red / Resistance 4.7 kΩ			

CE EMC

Clamped conductors (H05V/H07V)	
Solid / Stranded	mm²
Flexible / Flexible with ferrule	mm²
Stripping length / Blade size	mm/-

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

Component diode

Type diode	
Forward current	
Reverse voltage	
Forward voltage	

Component LED

Colour	
Voltage, min.	
Voltage, max.	
Current	

red	
6V	
24V	
20mA	

Component resistor

	Resistance	Power loss	Tolerance (%)
100 Ω	0.0006 W	0.0006 W	±1%
1 kΩ	0.006 W	0.006 W	±1%
10 kΩ	0.06 W	0.06 W	±1%
100 kΩ	0.6 W	0.6 W	±1%
1 MΩ	6 W	6 W	±1%
10 MΩ	60 W	60 W	±1%
100 MΩ	600 W	600 W	±1%

4.7kOhm
0.4W
1%

Note

Ordering data

Version
dark beige
dark beige (red LED)
Orange

Type	Qty.	Order No.
ZDK 2.5-2/LD 24VUC	50	1905310000

Note

Accessories

Plug-in cross-connection	
	2-pole
	10-pole
	4-pole

Type	Qty.	Order No.
ZQV 2.5/2	24 A 60	1608860000
ZQV 2.5/10	24 A 20	1608940000

End plate / Partition plate	Blue dark beige
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End bracket

Screwdriver	Standard
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Marking tags

ZEW 35	20	9540000000
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SDS 0.6X3.5X100	1	2749340000
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DEK 5/5 MC NE WS	1000	1609801044
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DEK 5/5 MM WS	800	2007110000
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WS 8/5 MM WS	800	2007150000
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For detailed information on other accessories and application in the online catalogue