



Screw connection with clamping-yoke technology (W-Series)

Terminal blocks with electronic components

WDK 2.5/D

2.5 mm²

Reverse polarity protection



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

5.1 x 69 x 62.5	
0.5 / 4	
0.05...4	

WDK 2.5/D/1

2.5 mm²

Suppression circuit e. g. for contactor



5.1 x 69 x 62.5	
0.5 / 4	
0.05...4	

Technical data

Rated data	
Rated voltage of feed-through terminal	-
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
Tightening torque / Clamping screw	Nm
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
300	300		
0.5	20		
2.5	AWG 22...12		
	6 kV / 3		
	A3 / V-0		
	Diode 1N 4007 /		
CE ENE RA			
Rated connection			
0.5...4 / 1.5...4			
0.5...4			
0.4...0.6 / (M 2.5)			
10 / 0.6 x 3.5 mm			
1N4007			
1A			
1300V			
0.7V			
Type			
WDK 2.5 1D	Qty. 25	Order No. 8025610000	
Note			

IEC 60947-7-1			
IEC	UL	CSA	EN 60079-7
400	300	300	
0.5	20	1	
2.5	AWG 22...12	AWG 26...12	
	6 kV / 3		
	A3 / V-0		
	Diode 1N 4007 /		
CE ENE RA			
Rated connection			
0.5...4 / 1.5...4			
0.5...4			
0.4...0.6 / (M 2.5)			
10 / 0.6 x 3.5 mm			
1N4007			
1A			
1300V			
0.7V			
Type			
WDK 2.5 1D A.1	Qty. 25	Order No. 1023400000	
Note			

Ordering data

Version	
dark beige	
dark beige (red LED)	
dark beige (green LED)	
Note	

Type	Qty.	Order No.
WDK 2.5 1D	25	8025610000
Note		

Type	Qty.	Order No.
WDK 2.5 1D A.1	25	1023400000
Note		

Accessories

Screwable cross-connection	
2-pole	
10-pole	
End plate / Partition plate	
dark beige	
End bracket	
dark beige	
Screwdriver	
With "swifty set" cutting device	
Standard	
Marking tags	

Type	Qty.	Order No.
WQV 2.5/2	32 A 50	1053660000
WQV 2.5/10	32 A 20	1054460000
WAP WDK2.5	20	1059100000
WEW 35/2	50	1061200000
SWIFTY SET	1	9006060000
SDS 0.6X3.5X100	1	2749340000
DEK 5/5 MC NE WS	1000	1609801044
WS 8/5 MC NE WS	720	1640740000
DEK 5/5 MM WS	800	2007110000

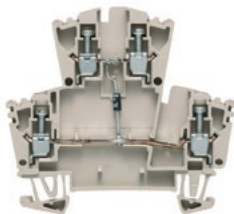
Type	Qty.	Order No.
WQV 2.5/2	32 A 50	1053660000
WQV 2.5/10	32 A 20	1054460000
WAP WDK2.5	20	1059100000
WEW 35/2	50	1061200000
SWIFTY SET	1	9006060000
SDS 0.6X3.5X100	1	2749340000
DEK 5/5 MC NE WS	1000	1609801044
WS 8/5 MC NE WS	720	1640740000
DEK 5/5 MM WS	800	2007110000

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

WDK 2.5/D/2

2.5 mm²

Suppression circuit e. g. for contactor



5.1 x 69 x 62.5
0.5 / 4
0.05...4



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
400	300	300	
0.5	20	1	
2.5	AWG 22...12	AWG 26...12	
6 kV / 3			
A3 / V-0			
Diode 1N 4007 /			

CE ENE

Rated connection

0.5...4 / 1.5...4

0.5...4

0.4...0.6 / (M 2.5)

10 / 0.6 x 3.5 mm

1N4007

1A

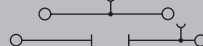
1300V

0.7V

WDK 2.5/D/3

2.5 mm²

5.1 x 69 x 62.5
24 / 4
0.05...4



IEC 60947-7-1

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

CE ENE

Rated connection

0.5...4 / 1.5...4

0.5...4

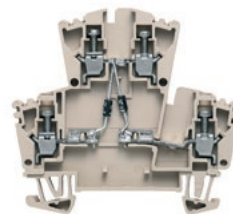
0.4...0.6 / (M 2.5)

10 / 0.6 x 3.5 mm

WDK 2.5/D/4

2.5 mm²

Lamp test circuits



5.1 x 69 x 62.5
0.5 / 4
0.05...4



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
400	300		
0.5	20		
2.5	AWG 22...12		
6 kV / 3			
A3 / V-0			
Diode 1N 4007 / Diode 1N 4007			

CE ENE

Rated connection

0.5...4 / 1.5...4

0.5...4

0.4...0.6 / (M 2.5)

10 / 0.6 x 3.5 mm

1N4007

1A

1300V

0.7V

Type	Qty.	Order No.
WDK 2.5 1D A.2	25	1023300000

Type	Qty.	Order No.
WDK 2.5/D/3	50	1023100000

Type	Qty.	Order No.
WDK 2.5 2D 1.A	25	8014670000

Type	Qty.	Order No.
WQV 2.5/2	32 A 50	1053660000
WQV 2.5/10	32 A 20	1054460000
WAP WDK2.5	20	1059100000
WEW 35/2	50	1061200000
SWIFTY SET	1	9006060000
SDS 0.6X3.5X100	1	2749340000
DEK 5/5 MC NE WS	1000	1609801044
WS 8/5 MC NE WS	720	1640740000
DEK 5/5 MM WS	800	2007110000

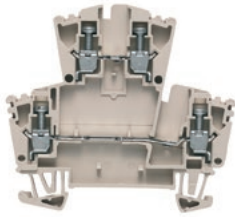
Type	Qty.	Order No.
WQV 2.5/2	32 A 50	1053660000
WQV 2.5/10	32 A 20	1054460000
WAP WDK2.5	20	1059100000
WEW 35/2	50	1061200000
SWIFTY SET	1	9006060000
SDS 0.6X3.5X100	1	2749340000
DEK 5/5 MC NE WS	1000	1609801044
WS 8/5 MC NE WS	720	1640740000
DEK 5/5 MM WS	800	2007110000

Type	Qty.	Order No.
WQV 2.5/2	32 A 50	1053660000
WQV 2.5/10	32 A 20	1054460000
WAP WDK2.5	20	1059100000
WEW 35/2	50	1061200000
SWIFTY SET	1	9006060000
SDS 0.6X3.5X100	1	2749340000
DEK 5/5 MC NE WS	1000	1609801044
WS 8/5 MC NE WS	720	1640740000
DEK 5/5 MM WS	800	2007110000

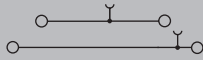
WDK 2.5/D

2.5 mm²

For installing electronic components



5.1 x 69.5 x 62.5
24 / 4
0.05...4



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
400			
10			
2.5			
	6 kV / 3		
	A3 / V-0		

CE EMC

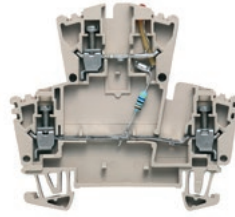
Rated connection

0.5...4 / 1.5...4
0.5...4 / 0.5...2.5
0.4...0.6 / (M 2.5)
10 / 0.6 x 3.5 mm

WDK 2.5 LD +-

2.5 mm²

DC voltage indicator + / -



5.1 x 69 x 62.5
10 / 4
0.13...4



IEC 60947-7-1

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

CE EMC

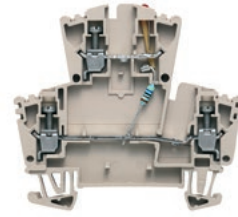
Rated connection

0.5...4 / 1.5...4
0.5...4
0.4...0.6 / (M 2.5)
10 / 0.6 x 3.5 mm

WDK 2.5 LD - +

2.5 mm²

DC voltage indicator - / +



5.1 x 69 x 62.5
10 / 4
0.13...4



IEC 60947-7-1

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

CE EMC

Rated connection

0.5...4 / 1.5...4
0.5...4
0.4...0.6 /
10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
WDK 2.5/D	100	1023200000

Type	Qty.	Order No.
WDK 2.5 LD RT 24VDC +-	25	1023600000
WDK 2.5 LD/GN 1R 24VDC	25	8023610000

Type	Qty.	Order No.
WDK 2.5 LD RT 24VDC +-	25	8023630000
WDK 2.5 LD GR 1R 24VDC	25	8010040000

Type	Qty.	Order No.
WQV 2.5/2	32 A 50	1053660000
WQV 2.5/10	32 A 20	1054460000
WAP WDK2.5	20	1059100000
WEW 35/2	50	1061200000
SWIFTY SET	1	9006060000
SDS 0.6X3.5X100	1	2749340000
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