

Plug-in modular terminals

Spade connection

Terminals with cable-lugs acc. to EN 61210 / VDE 0613-6.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/height with TS35x7.5	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²



Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm ²
Rated impulse voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
solid / stranded	mm ²
flexible / Stranded wire with end ferrules	mm ²
Tightening torque range (clamping screw)	
Stripping length / Blade size	mm/-
2 conductors with same cross-section (H05V/H07V)	
solid / stranded	mm ²
flexible / Stranded wire with end ferrules	mm ²
Note	

Ordering data

Version	
	Dark beige Wemid
	Blue Wemid
Note	

Accessories

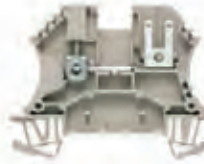
Screwable cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
End plate / partition	
	Dark beige Wemid
	Blue Wemid
	Dark beige Wemid
	Blue Wemid
End bracket	
	Dark beige Wemid
Cover	
	With lightning flash symbol
	blank

Marking systems	(see assortment in catalogue 7)
	Marking tags
For detailed information on other accessories and applications, refer to the „Accessories“ section	


WDU 2.5 F

2.5 mm²

Spade connection right



5.1 x 60 x 47	F2.8 F2.8
12 / 4	
0.13...4	

IEC 60947-7-1 / IEC 61210		
IEC	UL	CSA
500	300	300
12	10	10
2.5	AWG 26...12	AWG 26...12
6 / 3		
A3 / V-0		
		
Rated connection		Further connection
0.5...4 / 1.5...4		
0.5...4 / 0.5...2.5		0.5...1 / 0.5...2.5
0.4...0.8 Nm (M 2.5)		
10 / 0.6 x 3.5 mm		
0.5...1.5		
0.5...1.5 / 0.5...1.5		
With insulating sleeves on cable lug connectors the voltage increases to 500 V. Current is limited by 2.8 mm cable lug connectors with 1 mm ² conductor.		

Type	Qty	Order No.
WDU 2.5 F 2X2.8	100	1021800000
2.5 mm ² conductor with wire end ferrule plus plastic collar only with collar optimised for diameter (order No. 1333100000, 500 pcs)		

Type	current	Qty	Order No.
WQV 2.5/2	32 A	50	1053660000
WQV 2.5/3	32 A	50	1053760000
WQV 2.5/4	32 A	50	1053860000
WQV 2.5/10	32 A	20	1054460000
Width			
WAP 2.5-10	1.5 mm	50	1050000000
WAP 2.5-10 BL	1.5 mm	50	1050080000
WAP 16+35 WTW 2.5-10	1.5 mm	20	1050100000
WAP 16+35 WTW 2.5-10 BL	1.5 mm	20	1050180000
WEW 35/2			
WEW 35/2	8 mm	100	1061200000
WAD 4 GE BED			
WAD 4 GE BED	4 mm	50	1072000000
WAD 4 WS			
WAD 4 WS	4 mm	50	1072100000

Type	current	Qty	Order No.
DEK 5/5 / WS 12/5			
Insulating sleeve for spade connector, 2.8 mm, order No. 0386060000			


WDU 2.5 FF 2*2.8

1 mm²

Spade connection left and right



5.1 x 60 x 47	F2.8 F2.8	F2.8 F2.8
12 / 1		
0.13...1		

IEC 60947-7-1 / IEC 61210		
IEC	UL	CSA
500	300	300
12	10	10
1	AWG 22...12	AWG 26...12
6 / 3		
/ V-0		
		
Rated connection		Further connection
0.5...4		
1...1 / 0.5...2.5		
0.5...1.5		
1...1 / 0.5...2.5		
With insulating sleeves on cable lug connectors the voltage increases to 500 V. Current is limited by 2.8 mm cable lug connectors with 1 mm ² conductor.		

Type	Qty	Order No.
WDU 2.5 FF 2X2.8	100	1021900000
Technical data relates to 2.8 mm spade connectors with 1 mm ² conductor.		

Type	current	Qty	Order No.
WQV 2.5/2	32 A	50	1053660000
WQV 2.5/3	32 A	50	1053760000
WQV 2.5/4	32 A	50	1053860000
WQV 2.5/10	32 A	20	1054460000
Width			
WAP 2.5-10	1.5 mm	50	1050000000
WAP 2.5-10 BL	1.5 mm	50	1050080000
WAP 16+35 WTW 2.5-10	1.5 mm	20	1050100000
WAP 16+35 WTW 2.5-10 BL	1.5 mm	20	1050180000
WEW 35/2			
WEW 35/2	8 mm	100	1061200000
WAD 4 GE BED			
WAD 4 GE BED	4 mm	50	1072000000
WAD 4 WS			
WAD 4 WS	4 mm	50	1072100000

Type	current	Qty	Order No.
DEK 5/5 / WS 12/5			
Insulating sleeve for spade connector, 2.8 mm, order No. 0386060000			

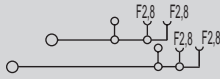
WDK 2.5 F

2.5 mm²

Spade connection right



5.1 x 69.5 x 63
12 / 4
0.13...4



IEC 60947-7-1 / IEC 61210

IEC	UL	CSA
400	300	300
12	10	10
2.5	AWG 22...12	AWG 26...12
6 / 3		
A3 / V-0		

Rated connection	Further connection
0.5...4 / 1.5...4	
0.5...4 / 0.5...2.5	1...1
0.4...0.6 Nm (M 2.5)	
10 / 0.6 x 3.5 mm	
0.5...1.5	
0.5...1.5 / 0.5...1.5	
With insulating sleeves on cable lug connectors the voltage increases to 500 V. Current is limited by 2.8 mm cable lug connectors with 1 mm ² conductor.	

Type	Qty	Order No.
WDK 2.5 F	100	1021600000
WDK 2.5 F BL	100	1021680000
2.5 mm ² conductor with wire end ferrule plus plastic collar only with collar optimised for diameter (order No. 1333100000, 500 pcs)		

Type	current	Qty	Order No.
WQV 2.5/2	32 A	50	1053660000
WQV 2.5/3	32 A	50	1053760000
WQV 2.5/4	32 A	50	1053860000
WQV 2.5/10	32 A	20	1054460000
Width			
WAP WDK2.5	1.5 mm	20	1059100000
WAP WDK2.5 BL	1.5 mm	20	1059180000
WTW EN	3 mm	20	1058800000
WEW 35/2	8 mm	100	1061200000
WAD 4 GE BED	4 mm	50	1072000000
WAD 4 WS	4 mm	50	1072100000

DEK 5/5 / WS 8/5	Insulating sleeve for spade connector, 2.8 mm, order No. 0386060000		
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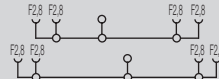
WDK 2.5 FF

1 mm²

Spade connection left and right



5.1 x 75.5 x 63
12 / 1
0.13...1



IEC 60947-7-1 / IEC 61210

IEC	UL	CSA
400	300	300
12	10	10
1	AWG 22...12	AWG 26...12
6 / 3		
/ V-0		

Rated connection	Further connection
0.5...4	
1...1	
With insulating sleeves on cable lug connectors the voltage increases to 500 V. Current is limited by 2.8 mm cable lug connectors with 1 mm ² conductor.	

Type	Qty	Order No.
WDK 2.5 FF	100	1021700000

Type	current	Qty	Order No.
WQV 2.5/2	32 A	50	1053660000
WQV 2.5/3	32 A	50	1053760000
WQV 2.5/4	32 A	50	1053860000
WQV 2.5/10	32 A	20	1054460000
Width			
WAP WDK2.5	1.5 mm	20	1059100000
WAP WDK2.5 BL	1.5 mm	20	1059180000
WTW EN	3 mm	20	1058800000
WEW 35/2	8 mm	100	1061200000
WAD 4 GE BED	4 mm	50	1072000000
WAD 4 WS	4 mm	50	1072100000

DEK 5/5 / WS 8/5	Insulating sleeve for spade connector, 2.8 mm, order No. 0386060000		
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WDK 2.5 FV

2.5 mm²

Spade connection right, both levels at one potential



5.1 x 69.5 x 63
12 / 4
0.13...4



IEC 60947-7-1 / IEC 61210

IEC	UL	CSA
400	300	300
12	10	10
2.5	AWG 22...12	AWG 26...12
6 / 3		
A3 / V-0		

Rated connection	Further connection
0.5...4 / 1.5...4	
0.5...4 / 0.5...2.5	1...1 / 0.5...2.5
0.4...0.6 Nm (M 2.5)	
10 / 0.6 x 3.5 mm	
0.5...1.5	
0.5...1.5 / 0.5...1.5	
With insulating sleeves on cable lug connectors the voltage increases to 500 V. Current is limited by 2.8 mm cable lug connectors with 1 mm ² conductor.	

Type	Qty	Order No.
WDK 2.5 FV	100	1022400000
2.5 mm ² conductor with wire end ferrule plus plastic collar only with collar optimised for diameter (order No. 1333100000, 500 pcs)		

Type	current	Qty	Order No.
WQV 2.5/2	32 A	50	1053660000
WQV 2.5/3	32 A	50	1053760000
WQV 2.5/4	32 A	50	1053860000
WQV 2.5/10	32 A	20	1054460000
Width			
WAP WDK2.5	1.5 mm	20	1059100000
WAP WDK2.5 BL	1.5 mm	20	1059180000
WTW EN	3 mm	20	1058800000
WEW 35/2	8 mm	100	1061200000
WAD 4 GE BED	4 mm	50	1072000000
WAD 4 WS	4 mm	50	1072100000

DEK 5/5 / WS 8/5	Insulating sleeve for spade connector, 2.8 mm, order No. 0386060000		
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Plug-in modular terminals

Plug-in connection

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/height with TS35x7.5	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²


Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm ²
Rated impulse voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
solid / stranded	mm ²
flexible / Stranded wire with end ferrules	mm ²
Tightening torque range (clamping screw)	
Stripping length / Blade size	mm/-
2 conductors with same cross-section (H05V/H07V)	
solid / stranded	mm ²
flexible / Stranded wire with end ferrules	mm ²
Note	

Ordering data

Version	
	Dark beige Wemid
Note	

Accessories

Screwable cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
End plate / partition	
	With assembly peg
	Without peg
Mounting block for socket connector	
	With assembly peg
	Without peg
Socket blocks	
	4-pole
	6-pole
	8-pole
	(with lateral dovetail) 4-pole
	(with lateral dovetail) 6-pole
	(with lateral dovetail) 8-pole
Miscellaneous accessories	
	Cover for unused pins
	Coding element

Marking systems	(see assortment in catalogue 7)
	Marking tags
For detailed information on other accessories and applications, refer to the „Accessories“ section	

WDU 1.5 BLZ 5.08 WQV

1.5 mm²

Screwable cross-connection



5.1 x 49 x 37.5	WQV	BLZ 5.08
16 / 4		
0.13...4		

IEC 60947-7-1 / IEC 61984		
IEC	UL	CSA
250	300	300
16	20	10
1.5	AWG 26...16	AWG 26...16
4 / 3		
A3 / V-0		
UL		
Rated connection		Plug-in connection
0.5...4 / 1.5...4		0.5...2.5 / 1.5...2.5
0.5...4 / 0.5...2.5		0.5...2.5 / 0.5...2.5
0.4...0.6 Nm (M 2.5)		
10 / 0.6 x 3.5 mm		
0.5...1.5		
0.5...1.5 / 0.5...1.5		
Size with BLZ socket connector: length 57.5 mm / height 50 mm		

Type	Qty	Order No.
WDU 1.5/BLZ 5.08	100	1577340000
WDU 1.5 BLA order no. 1577260000 (100 pcs.). Techn. data same as WDU 1.5 BLZ.		

Type	current	Qty	Order No.
WQV 2.5/2	32 A	50	1053660000
WQV 2.5/3	32 A	50	1053760000
WQV 2.5/4	32 A	50	1053860000
WQV 2.5/10	32 A	20	1054460000
Width			
WAP WDU1.5/BLZ/ZA	2.5 mm	50	1577320000
WAP WDU1.5/BLZ	2.5 mm	50	1577330000
Width			
WBB ZA WDU1.5/BL 10/10		10	1068260000
WBB WDU1.5/BL...		10	1068160000
Width			
BLZ 5.08/4 SN OR		100	1526660000
BLZ 5.08/6 SN OR		50	1526860000
BLZ 5.08/8 SN OR		50	1527060000
BLZ 5.08/4B SN OR		100	1528960000
BLZ 5.08/6B SN OR		50	1529160000
BLZ 5.08/8B SN OR		50	1529360000
Width			
WAD WDU1.5/BL		20	1577400000
BLZ-KO SW		50	1545710000

Marking systems	(see assortment in catalogue 7)
	DEK 5/5 / WS 12/5
For detailed information on other accessories and applications, refer to the „Accessories“ section	

WDU 1.5 BLZ 5.08 ZQV

1.5 mm²

Plug-in cross-connection



5.1 x 49 x 37.5	ZQV	BLZ 5.08
16 / 4		
0.13...4		

IEC 60947-7-1 / IEC 61984		
IEC	UL	CSA
250	300	300
16	20	10
1.5	AWG 26...16	AWG 26...16
4 / 3		
A3 / V-0		
UL		
Rated connection		Plug-in connection
0.5...4 / 1.5...4		0.5...2.5 / 1.5...2.5
0.5...4 / 0.5...2.5		0.5...2.5 / 0.5...2.5
0.4...0.6 Nm (M 2.5)		
10 / 0.6 x 3.5 mm		
0.5...1.5		
0.5...1.5 / 0.5...1.5		
Size with BLZ socket connector: length 57.5 mm / height 50 mm		

Type	Qty	Order No.
WDU 1.5/ZQV/BLZ 5.08	100	1784460000

Type	Qty	Order No.
Width		
WAP WDU1.5/BLZ/ZA	2.5 mm	50
WAP WDU1.5/BLZ	2.5 mm	50
Width		
WBB ZA WDU1.5/BL 10/10		10
WBB WDU1.5/BL...		10
Width		
BLZ 5.08/4 SN OR		100
BLZ 5.08/6 SN OR		50
BLZ 5.08/8 SN OR		50
BLZ 5.08/4B SN OR		100
BLZ 5.08/6B SN OR		50
BLZ 5.08/8B SN OR		50
Width		
WAD WDU1.5/BL		20
BLZ-KO SW		50

Marking systems	(see assortment in catalogue 7)
	DEK 5/5 / WS 12/5
For detailed information on other accessories and applications, refer to the „Accessories“ section	

WDK 2.5 BLZ/5.08

2.5 mm²

Double terminal pitch 5.08



5.1 x 58 x 53
18 / 4
0.13...4



IEC 60947-7-1 / IEC 61984

IEC	UL	CSA
250	300	300
16.5	10	24
2.5	AWG 22...12	AWG 26...10
4 / 3		
A3 / V-0		



Rated connection	Plug-in connection
0.5...4 / 1.5...2.5	0.5...2.5 / 1.5...2.5
0.5...4 / 0.5...2.5	0.5...2.5 / 0.5...2.5
0.4...0.8 Nm (M 2.5)	
10 / 0.6 x 3.5 mm	
0.5...1.5	
0.5...1.5 / 0.5...1.5	
Size with BLZ socket connector: length 58 mm / height 63.5 mm	

Type	Qty	Order No.
WDK 2.5/BLZ/5.08/ZA	100	1034400000
2.5 mm ² conductor with wire end ferrule plus plastic collar only with collar optimised for diameter (order No. 1333100000, 500 pcs)		

Type	Qty	Order No.
Width		
WAP WDK2.5/BLZ/M.ZA	5.1 mm	20 1070100000
WAP WDK2.5/BLZ/O.ZA	5.1 mm	20 1070000000
WBB ZA WDK2.5/BL5.08	10	1072760000
WBB WDK2.5/BL5.08	10	1072660000
BLZ 5.08/4 SN OR	100	1526660000
BLZ 5.08/6 SN OR	50	1526860000
BLZ 5.08/8 SN OR	50	1527060000
BLZ 5.08/4B SN OR	100	1528960000
BLZ 5.08/6B SN OR	50	1529160000
BLZ 5.08/8B SN OR	50	1529360000
WAD WDU1.5/BL	20	1577400000
BLZ-KO SW	50	1545710000

DEK 5/5 / WS 8/5

For external cross-connection WQB A, see section W-series accessories „Electrical distribution“.

WDU 2.5 BLZ/7.62

2.5 mm²

Pitch 7.62



7.6 x 49 x 37.5
24 / 4
0.13...4



IEC 60947-7-1 / IEC 61984

IEC	UL	CSA
400		
21.5		
2.5		
6 / 3		
A3 / V-0		



Rated connection	Plug-in connection
0.5...4 / 1.5...2.5	0.5...2.5 / 1.5...2.5
0.5...4 / 0.5...2.5	0.5...2.5 / 0.5...2.5
0.4...0.8 Nm (M 2.5)	
10 / 0.6 x 3.5 mm	
0.5...1.5	
0.5...1.5 / 0.5...1.5	
Size with BLZ socket connector: length 57.5 mm / height 50 mm	

Type	Qty	Order No.
WDU 2.5/BLZ/7.62	100	1038900000
2.5 mm ² conductor with wire end ferrule plus plastic collar only with collar optimised for diameter (order No. 1333100000, 500 pcs)		

Type	Qty	Order No.
Width		
WAP WDU1.5/BLZ/ZA	2.5 mm	50 1577320000
WAP WDU1.5/BLZ	2.5 mm	50 1577330000
WBB ZA WDU2.5/BLZ/7.62	10	1073600000
WBB WDU2.5/BLZ/7.62	10	1073500000
BLZ 7.62/4 SN OR	100	1623070000
BLZ 7.62/6 SN OR	50	1623090000
BLZ 7.62/8 SN OR	40	1623110000
WAD WDU1.5/BL	20	1577400000
BLZ-KO SW	50	1545710000

DEK 5/5 / WS 12/6,5

For external cross-connection WQB A, see section W-series accessories „Electrical distribution“.

WDK 2.5 BLZ/7.62

2.5 mm²

Double terminal pitch 7.62



7.6 x 58 x 53
20 / 4
0.13...4



IEC 60947-7-1 / IEC 61984

IEC	UL	CSA
400		
18.5		
2.5		
6 / 3		
A3 / V-0		



Rated connection	Plug-in connection
0.5...4 / 1.5...4	0.5...2.5 / 1.5...2.5
0.5...4 / 0.5...2.5	0.5...2.5 / 0.5...2.5
0.4...0.8 Nm (M 2.5)	
10 / 0.6 x 3.5 mm	
0.5...1.5	
0.5...1.5 / 0.5...1.5	
Size with BLZ socket connector: length 58 mm / height 63.5 mm	

Type	Qty	Order No.
WDK 2.5 BLZ/7.62/ZA	50	1038500000
2.5 mm ² conductor with wire end ferrule plus plastic collar only with collar optimised for diameter (order No. 1333100000, 500 pcs)		

Type	Qty	Order No.
Width		
WAP WDK2.5/BLZ/M.ZA	5.1 mm	20 1070100000
WAP WDK2.5/BLZ/O.ZA	5.1 mm	20 1070000000
WBB ZA WDK2.5/BLZ/7.62	10	1072960000
WBB WDK2.5/BLZ/7.62	10	1072860000
BLZ 7.62/4 SN OR	100	1623070000
BLZ 7.62/6 SN OR	50	1623090000
BLZ 7.62/8 SN OR	40	1623110000
BLZ 7.62/4B SN OR	100	1623400000
BLZ 7.62/6B SN OR	50	1623420000
BLZ 7.62/8B SN OR	40	1623440000
WAD WDU1.5/BL	20	1577400000
BLZ-KO SW	50	1545710000

DEK 5/5 / WS 12/6,5

For external cross-connection WQB A, see section W-series accessories „Electrical distribution“.

