

## Single-stud terminals

### WF series

When using ATEX certified components in hazardous area applications the installation instructions and the rated data for accessories in the technical appendix must be considered.

<b>width x length x height with TS</b>	<b>35 x 7.5</b>	mm
max. current / max. conductor	A/mm <sup>2</sup>	
max. clamping range	mm <sup>2</sup>	

### Technical data

Rated data with Wemid partition plate	
Rated voltage	V
Rated current	A
Rated cross-section	mm <sup>2</sup>
Rated impulse withstand voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	

Rated data with epoxy resin partition plate	
Rated voltage / Rated impulse withstand voltage	V/kV

Clamped cable lugs	
DIN 46234 / 1 cable lug per side	mm <sup>2</sup>
DIN 46234 / 2 cable lugs per side	mm <sup>2</sup>
DIN 46235 / 1 cable lug per side	mm <sup>2</sup>
DIN 46235 / 2 cable lugs per side	mm <sup>2</sup>
Tightening torque range	Nm

Note

### Ordering data

Version	
	dark beige Wemid
	blue Wemid
Variation with hood	dark beige Wemid
Note	

### Accessories

Cross-connection	
	2-pole
	3-pole

Partition plate	
up to 1000 V	dark beige Wemid
up to 1000 V for insulated cable lugs	dark beige Wemid
up to 2300 V	beige epoxy resin

End bracket	
	dark beige Wemid

Protection against electric shock	
	Cover profile, transparent
	Holder for cover profile, transparent
	Hood, dark beige Wemid

Warning triangle for power supply terminals	
	with lightning flash symbol

Marking systems	
(see large assortment in catalogue 7)	Marking tags

**For detailed information on other accessories and applications see "Accessories"**

### WF 5

16 mm<sup>2</sup>

Screw thread M5



<b>13 x 67 x 54</b>
<b>76 / 16</b>
<b>0.1 ... 16</b>

IEC	UL	CSA	EN 60079-7
1000	1000	1000	
76	85	85	
16	AWG 10... 4	AWG 10... 4	
	8 / 3		
	/ V-0		



EN 50124

0.1...16
0.1...16
6...10
6...10
2.0...4.0

### WF 6

35 mm<sup>2</sup>

Screw thread M6



<b>19.6 x 67 x 56</b>
<b>125 / 35</b>
<b>2.5 ... 35</b>

IEC	UL	CSA	EN 60079-7
1000	1000	1000	
125	115	150	
35	AWG 14... 2	AWG 14... 2	
	8 / 3		
	/ V-0		



EN 50124

2.5...35
2.5...35
6...35
6...25
3.0...6.0

Type	Qty.	Order No.
WF 5	25	1790130000

Type	Qty.	Order No.
WF 6	25	1780850000

Type	Current [A]	Qty.	Order No.
WQL 2 WF5	76	5	1812710000
WQL 3 WF5	76	5	1812740000

width [mm]	
WTW WF6-WF12	2.5 20 1781240000

WTW WF6 2300	2 20 1781230000
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width [mm]	
WEW-35/2	8 100 1061200000

ADP WF6/WF8	1 1780930000
HA ADP WF6/WF10	10 1781050000

WS 12/5

With WTW...2300 made from epoxy resin, rated current 2300 V according to prelim. EN 50124 pt 1

Type	Current [A]	Qty.	Order No.
WQL 2 WF6	125	5	1780970000
WQL 3 WF6 - t=4mm	125	5	1780980000

width [mm]	
WTW WF6	2 20 1781220000

WTW WF6 2300	2 20 1781230000
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width [mm]	
WEW-35/2	8 100 1061200000

ADP WF6/WF8	1 1780930000
HA ADP WF6/WF10	10 1781050000

WS 10/6

With WTW...2300 made from epoxy resin, rated current 2300 V according to prelim. EN 50124 pt 1

**WF 8**

**50 mm<sup>2</sup>**

Screw thread M8



**24.6 x 67 x 65**  
**150 / 50**  
**2.5 ... 50**

IEC	UL	CSA	EN 60079-7
1000	1000	1000	
150	150	200	
50	AWG 14... 1/0	AWG 14... 1/0	
	8 / 3		
	/ V-0		



EN 50124

2.5...50  
2.5...50  
6...35  
6...35  
6.0...12

Type	Qty.	Order No.
WF 8	25	1780860000

Type	Current [A]	Qty.	Order No.
WQL 2 WF6-8	150	5	1808980000
WQL 3 WF8	150	5	1781000000

width [mm]			
WTW WF8	2	20	1780900000

WTW WF8 2300	2	20	1780910000
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width [mm]			
WEW-35/2	8	100	1061200000

ADP WF6/WF8	1	1780930000
HA ADP WF6/WF10	10	1781050000

WS 10/6

With WTW...2300 made from epoxy resin, rated current 2300 V according to prelim. EN 50124 pt 1

**WF 10**

**120 mm<sup>2</sup>**

Screw thread M10



**35.6 x 67 x 74**  
**269 / 120**  
**6 ... 120**

IEC	UL	CSA	EN 60079-7
1000	1000	1000	
269	255	320	
120	AWG 10...kcmil	250AWG 10...kcmil	250
	8 / 3		
	/ V-0		



EN 50124

6...120  
6...120  
10...95  
10...95  
10...20

Type	Qty.	Order No.
WF 10	20	1780870000

Type	Current [A]	Qty.	Order No.
WQL 2 WF6-10	269	5	1806620000
WQL 3 WF6-10/2	269	5	1806640000

width [mm]			
WTW WF10/WF12	2	20	1780890000

WTW WF10/WF12 2300	2	20	1780920000
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width [mm]			
WEW-35/2	8	100	1061200000

ADP WF10/WF12	1	1780940000
HA ADP WF6/WF10	10	1781050000

WS 10/6

With WTW...2300 made from epoxy resin, rated current 2300 V according to prelim. EN 50124 pt 1

**WF 12**

**120 mm<sup>2</sup>**

Screw thread M12



**35.6 x 67 x 72**  
**269 / 120**  
**6 ... 120**

IEC	UL	CSA	EN 60079-7
1000	1000	1000	
269	255	320	
120	AWG 10...kcmil	250AWG 10...kcmil	250
	8 / 3		
	/ V-0		



EN 50124

6...120  
6...120  
10...95  
10...95  
14...31

Type	Qty.	Order No.
WF 12	20	1780880000

Type	Current [A]	Qty.	Order No.
WQL 2 WF12	269	5	1781030000
WQL 3 WF12	269	5	1781040000

width [mm]			
WTW WF10/WF12	2	20	1780890000

WTW WF10/WF12 2300	2	20	1780920000
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width [mm]			
WEW-35/2	8	100	1061200000

ADP WF10/WF12	1	1780940000
HA ADP WF6/WF10	10	1781050000

WS 10/6

With WTW...2300 made from epoxy resin, rated current 2300 V according to prelim. EN 50124 pt 1