Stud terminals

Power transmission
Weidmüller's extensive range of stud terminals offers secure connections for all applications which entail a transmission of energy. The connection range extends from 10 mm^2 to 300 mm^2 and is available for TS 35 or TS 32 DIN Rail Mounting.

The conductors are applied to the threaded studs by means of crimped cable lugs, and then securely connected by tightening the hex nut. Stud terminals can be used with threaded studs M5 to M16, depending on the conductor cross-section.

Maximum safety is guaranteed by low through resistance and self-extinguishing material in flammability class V-0 (UL94).

All stud terminals are tested according to international railway standards (EN 50343, EN 50155, NF F61-017, NF16-101; RIA 20) and comply with these requirements.

Handling
To connect the conductors, cable lugs are crimped to the ends of the conductors. The cable lugs are placed on the stud between the washer on the terminal carrier and toothed washer. The backs of the cable lugs lie against each other. The hex nuts are tightened to press the lugs of the cable lugs against each other for secure contact.

In addition, a third conductor can be positioned from the opposite connection direction.

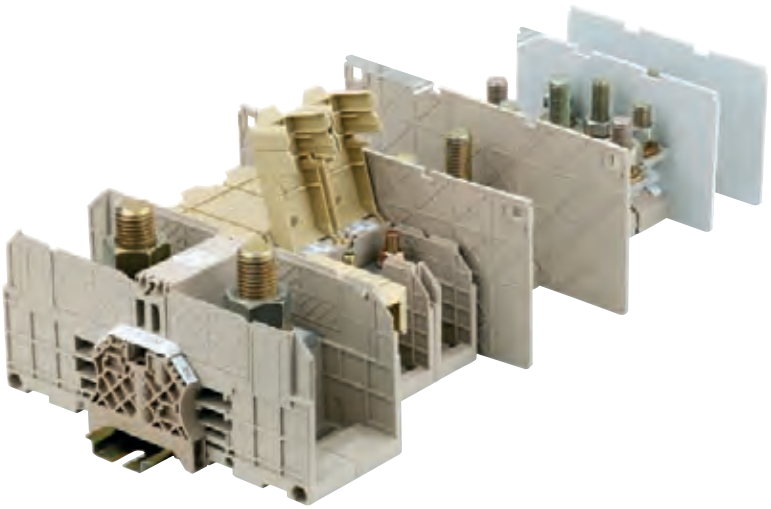
Series WF / WFF
- for voltage ranges up to 1000 V
- also suitable for up to 2300 V and 520 A when using specialepoxy resin partition plates

Single stud terminals WF
- 4 conductors can be securely connected without any problems
- 3 conductors even without restricting the rating data

Twin-stud terminals WFF
- integrated hinged head

Series ST 4000
- for voltage ranges up to 4000 V and currents up to 415 A
- for extreme demands, particularly in railway applications

Accessories
We also offer extensive accessories for our stud terminals, with detailed descriptions on the following pages.

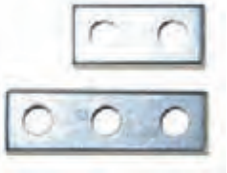


Product overview

Thread size	M5	M6	M8	M10	M12	M16
Single-stud terminals – WF	•	•	•	•	•	
Two-stud terminals – WF 2 BZ		•	•	•		
Two-stud terminals – WFF		•	•	•	•	•
Two-stud terminals – ST 4000 (up to 4000 V)			•	•	•	

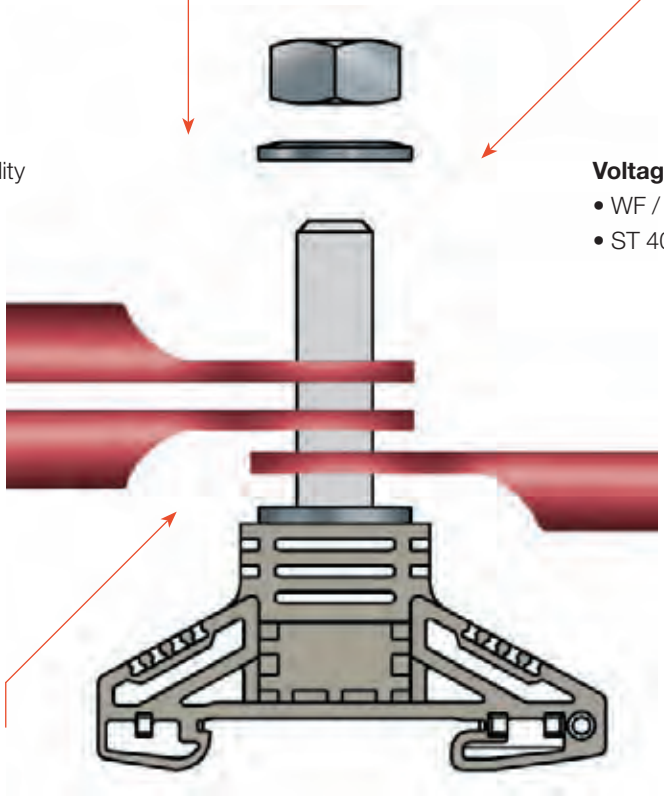
Stud connection
- Stud size M5 to M16
- Conductor with cable lug to DIN 46234 up to 240 mm²
  to DIN 46235 up to 300 mm²
- 3 cable lugs possible per stud, even 4 cable lugs with the WF-Series

Cross connections
- Faster electrical distribution for clear time savings
- Can be used for all stud terminals
- Available in 2, 3 and 4-poles version
- Electrical distribution possible between different sizes (from WF6 to WF8 and to WF10)



Easy to use
- Cable lugs placed on washer on stud
- Washer and toothed washer placed on top
- Steel nut tightened to create contact between cable lugs and – if applicable – busbar

Wemid clamp support
- Non-tracking, CTI 600
- Thermally stable up to 120 °C
- Self-extinguishing V0 flammability class to UL94
- No hazardous substances
- Low smoke and fume.
- Complies with the requirements of DIN 5510 part 2, railway standard NFF 16-101 and BS 6853



Voltage range
- WF / WFF up to 2.300 V
- ST 4000 up to 4.000 V

Reliable contact
- Maintenance free, no need to retighten the nuts
- Toothed washer for vibration-proof, high strength contact
- Cable lugs contact directly or via a highly conductive busbar

"Toothed" washer with protective coating.

Safe to use

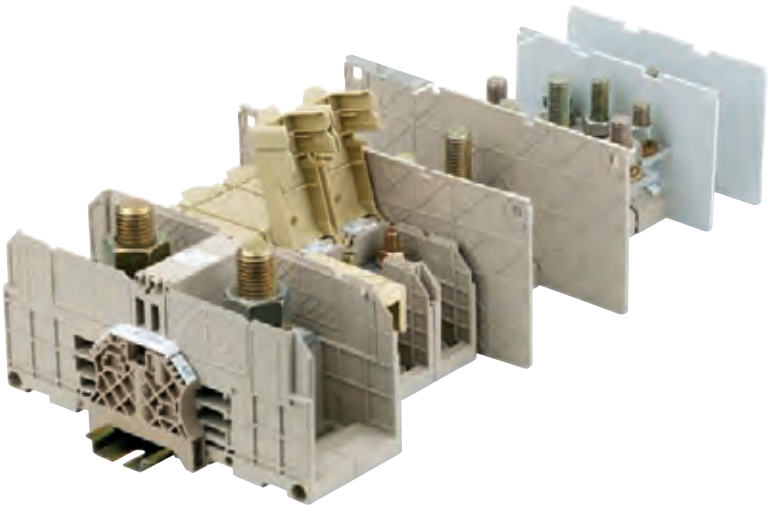
Shock protection
- in WF with partition plates and transparent cover strips
- in WFF with locking cover for each connection
- in ST 4000 with screw-on polycarbonate cover

Standards

Fulfil requirements for standard terminals and specific railway standards
- EN 60 947-7-1
- EN 50124-1
- DIN EN 61373
- RIA 20
- EN 50343
- NF F 61-017

Stud terminals - Accessories

Series WF and WFF



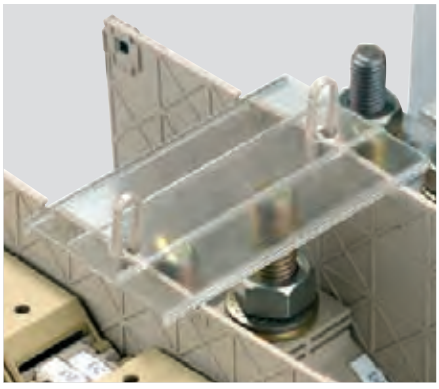
Electrical distribution

Electrical distribution can be realised between neighbouring stud terminals easily with 2 and 3 poles crossconnections. Cross-connections are also available for different thread sizes from M6 to M8 or M10. In the WFF twostud terminals, firstly the partition plates have to be removed between the clamped supports. The thin web of material means they can be broken out easily to fit.

Shock protection

The two-stud terminals in the WF-Series offer with an integrated hinged cover a high degree of finger safety. When closed, the cover locks onto the terminal and protects the contact from accidental contact.

Shock protection / partition plates



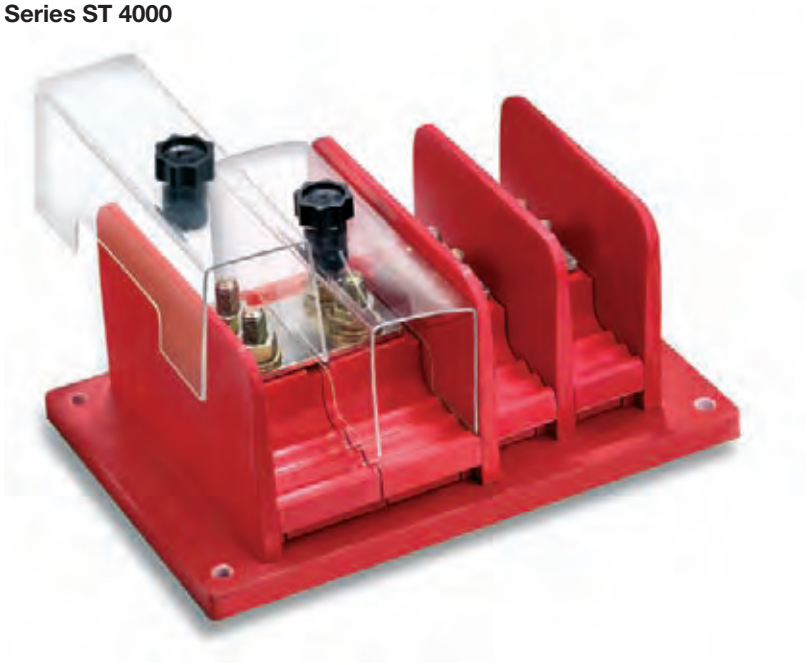
Shock protection in the WF-Series is provided by partition plates WTW and transparent cover strips ADP. The cover strips are locked into the guides of the partition plates and held with clips to prevent them slipping to the side. Partition plates ensure compliance with the rated voltage:

- Voltage range up to 1000 V with partition plate WTW WF
- Voltage range up to 2300 V for WF with epoxy partition plate WTW WF 2300

Connection

Couldn't be easier: the cable lugs are placed on the stud with the washer and toothed washer on top. A normal openended spanner can be used to tighten the hex screw and complete installation.

Series ST 4000



Shock protection

Stud terminals in the ST 4000 series offer an ideal cover for every version. The polycarbonate cover is placed between the partition plates and fastened to the stud with the plastic-coated fixing nut.

Fixing nuts are available to fit every stud size.

Potential distribution

When two neighbouring ST 4000 terminals have the same current, cross-connectors are fitted instead of the busbar.

The pairs of holes in the cross-connection are rated exactly to the spacing of ST 4000.

Here the partition plate has to be replaced by the connecting piece ST 4000/S C130 or ST 4000/L C160.

Cross-connections are available as 2, 3 or 4-poles.

Connection

Couldn't be easier: the cable lugs are placed on the stud with the washer and toothed washer on top. Tighten the steel hexagonal nut to ensure good contact between cable lug and busbar.

The same principle applies when two cable lugs contact on one stud or slotted hole cable lugs are used.

Slotted hole cable lugs can also be placed over both studs.

Single-stud terminals

WF series

WF 5	16 mm²
Screw thread M5	

WF 6	35 mm²
Screw thread M6	

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	13 x 67 x 54	17.8 x 67 x 56
max. current / Flexible, max.	A	**76 / 16**	**125 / 35**
Max. clamping range	mm²	**0.1...16**	**2.5...35**

Technical data

Rated data with Wemid partition wall		IEC	UL	CSA	IEC	UL	CSA
Rated voltage	V	1000	1000	1000	1000	1000	1000
Rated current	A	76	85	85	125	115	150
Rated cross-section	mm²	16	AWG 10...4	AWG 10...4	35	AWG 14...2	AWG 14...2
Rated impulse voltage / Pollution severity	kV/-		8 / 3			8 / 3	
Gauge to IEC 60947-1 / UL94 Flammability class			/ V-0			/ V-0	
Approvals							
Clamped cable lugs							
Cable lug to DIN 46234		0.1...16 mm²			2.5...35 mm²		
2 cable lugs to DIN 46234		0.1...16 mm²			2.5...35 mm²		
Cable lug to DIN 46234		6...10 mm²			6...35 mm²		
2 cable lugs to DIN 46234		6...10 mm²			6...25 mm²		
Tightening torque range		2.0...4.0 Nm			3.0...6.0 Nm		
Note							

Ordering data

Version	Type	Qty	Order No.	Type	Qty	Order No.
Dark beige Wemid	WF 5	25	**1790130000**	WF 6	25	**1780850000**
Note						

Accessories

	Type	current	Qty	Order No.	Type	current	Qty	Order No.
Cross-connection								
2-pole	WQL 2 WF5	76 A	5	**1812710000**	WQL 2 WF6	125 A	5	**1780970000**
3-pole	WQL 3 WF5	76 A	5	**1812740000**	WQL 3 WF6	125 A	5	**1780980000**
Partition wall		**Width**				**Width**		
Dark beige Wemid	WTW WF6-WF12	2.5 mm	20	**1781240000**	WTW WF6	2 mm	20	**1781220000**
Beige epoxy resin	WTW WF6 2300	2 mm	20	**1781230000**	WTW WF6 2300	2 mm	20	**1781230000**
End bracket								
Dark beige Wemid	WEW 35/2	8 mm	100	**1061200000**	WEW 35/2	8 mm	100	**1061200000**
Hood, transparent								
Hood, transparent	ADP WF6/WF8		1	**1780930000**	ADP WF6/WF8		1	**1780930000**
Holder for shrouding cover, transparent								
Holder for shrouding cover, transparent	HA ADP WF6/WF10		10	**1781050000**	HA ADP WF6/WF10		10	**1781050000**

Marking systems (see assortment in catalogue 7)		
Marking tags	WS 12/5	WS 10/6
For detailed information on other accessories and applications, refer to the „Accessories“ section	With WTW...2300 made from epoxy resin, rated current is 2300 V according to prelim. EN 50124-1	With WTW...2300 made from epoxy resin, rated current is 2300 V according to prelim. EN 50124-1

WF 8 — 50 mm²

Screw thread M8

22.8 x 67 x 65
150 / 50
2.5...50

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

2.5...50 mm²	
2.5...50 mm²	
6...35 mm²	
6...35 mm²	
6.0...12 Nm	

The WQL 2, for WF 6 on WF 8, is available under order no. 1808980000.

Type	Qty	Order No.
WF 8	25	**1780860000**

Type	current	Qty	Order No.
WQL 2 WF8	150 A	5	**1780990000**
WQL 3 WF8	150 A	5	**1781000000**
	Width		
WTW WF8	2 mm	20	**1780900000**
WTW WF8 2300	2 mm	20	**1780910000**
WEW 35/2	8 mm	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 is 2300 V according to prelim. EN 50124-1

WF 10 — 120 mm²

Screw thread M10

33.8 x 67 x 74
269 / 120
6...120

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

6...120 mm²	
6...120 mm²	
10...95 mm²	
10...95 mm²	
10...20 Nm	

The WQL 2, for WF 6 on WF 10, is available under order no. 180662000.

Type	Qty	Order No.
WF 10	20	**1780870000**

Type	current	Qty	Order No.
WQL 2 WF10	269 A	5	**1781010000**
WQL 3 WF10	269 A	5	**1781020000**
	Width		
WTW WF10/WF12	2 mm	20	**1780890000**
WTW WF10/WF12 2300	2 mm	20	**1780920000**
WEW 35/2	8 mm	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 is 2300 V according to prelim. EN 50124-1

WF 12 — 120 mm²

Screw thread M12

33.8 x 67 x 72
269 / 120
6...120

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

6...120 mm²	
6...120 mm²	
10...95 mm²	
10...95 mm²	
14...31 Nm	

Type	Qty	Order No.
WF 12	20	**1780880000**

Type	current	Qty	Order No.
WQL 2 WF12	269 A	5	**1781030000**
WQL 3 WF12	269 A	5	**1781040000**
	Width		
WTW WF10/WF12	2 mm	20	**1780890000**
WTW WF10/WF12 2300	2 mm	20	**1780920000**
WEW 35/2	8 mm	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 is 2300 V according to prelim. EN 50124-1

Twin stud terminals

WF 2BZ

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 / Flexible, max.	A/mm²
Max. clamping range	mm²

WF 6/2BZ — 35 mm²

Screw thread M6

17.8 x 67 x 56	
125 / 35	
2.5...35	

WF 8/2BZ — 50 mm²

Screw thread M8

22.8 x 67 x 65	
150 / 50	
2.5...50	

Technical data

Rated data with Wemid partition wall		IEC	UL	CSA
Rated voltage	V	1000	1000	1000
Rated current	A	125	115	150
Rated cross-section	mm²	35	AWG 14...2	AWG 14...2
Rated impulse voltage / Pollution severity	kV/-		8 / 3	
Gauge to IEC 60947-1 / UL94 Flammability class			/ V-0	
Approvals				
Clamped cable lugs				
Cable lug to DIN 46234		2.5...35 mm²		
2 cable lugs to DIN 46234		2.5...35 mm²		
Cable lug to DIN 46234		6...25 mm²		
2 cable lugs to DIN 46234		6...25 mm²		
Tightening torque range		3.0...6.0 Nm		
Note				

	IEC	UL	CSA
	1000	1000	1000
	150	150	200
	50	AWG 14...1/0	AWG 14...1/0
		8 / 3	
		/ V-0	
	2.5...50 mm²		
	2.5...50 mm²		
	6...35 mm²		
	6...35 mm²		
	6.0...12 Nm		

Ordering data

Version	Type	Qty	Order No.
Dark beige Wemid	WF 6/2BZ	25	**1789770000**
Note			

Type	Qty	Order No.
WF 8/2BZ	25	**1789780000**

Accessories

Cross-connection	Type	current	Qty	Order No.
2-pole	WQL 2 WF6	125 A	5	**1780970000**
3-pole	WQL 3 WF6	125 A	5	**1780980000**
Partition wall		**Width**		
Dark beige Wemid	WTW WF10/WF12	2 mm	20	**1780890000**
Beige epoxy resin	WTW WF6 2300	2 mm	20	**1781230000**
End bracket				
Dark beige Wemid	WEW 35/2	8 mm	100	**1061200000**
Hood, transparent				
Hood, transparent	ADP WF10/WF12		1	**1780940000**
Holder for shrouding cover, transparent				
Holder for shrouding cover, transparent	HA ADP WF6/WF10		10	**1781050000**

Type	current	Qty	Order No.
WQL 2 WF8	150 A	5	**1780990000**
WQL 3 WF8	150 A	5	**1781000000**
	Width		
WTW WF10/WF12	2 mm	20	**1780890000**
WTW WF8 2300	2 mm	20	**1780910000**
WEW 35/2	8 mm	100	**1061200000**
ADP WF10/WF12		1	**1780940000**
HA ADP WF6/WF10		10	**1781050000**

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

WS 12/5

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

WS 12/5

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

WF 10/2BZ — 120 mm²

Screw thread M10

33.8 x 67 x 74
269 / 120
6...120

IEC	UL	CSA
1000	1000	1000
269	230	320
120	AWG 10...kcmil250	AWG 10...kcmil250
	8 / 3	
	/ V-0	
6...120 mm²		
6...120 mm²		
10...95 mm²		
10...95 mm²		
10...20 Nm		

Type	Qty	Order No.
WF 10/2BZ	20	**1789790000**

Type	current	Qty	Order No.
WQL 2 WF10	269 A	5	**1781010000**
WQL 3 WF10	269 A	5	**1781020000**
	Width		
WTW WF10/WF12	2 mm	20	**1780890000**
WTW WF10/WF12 2300	2 mm	20	**1780920000**
WEW 35/2	8 mm	100	**1061200000**
ADP WF10/WF12		1	**1780940000**
HA ADP WF6/WF10		10	**1781050000**

WS 12/5

With WTW...2300 made from epoxy resin, rated current is 1500 V up to 70 mm², according to prelim. EN 50124-1

WFF series

WFF 35	35 mm²	WFF 70	70 mm²
Screw thread M6		Screw thread M8	

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	27 x 107 x 54.5	32 x 132 x 64
max. current / Flexible, max.	A/mm²	**150 / 50**	**232 / 95**
Max. clamping range	mm²	**2.5...50**	**2.5...95**

Technical data

Rated data with Wemid partition wall		WFF 35				WFF 70			
		Ex e II Ex II 2 G D				Ex e II Ex II 2 G D			
		IEC	UL	CSA	EN 60079-7	IEC	UL	CSA	EN 60079-7
Rated voltage	V	1000	1000	600	1100	1000	1000	600	1100
Rated current	A	125	115	130	109	192	175	170	167
Rated cross-section	mm²	35	AWG 14...2	AWG 14...2	35	70	AWG 14...2/0	AWG 14...2/0	70
Rated impulse voltage / Pollution severity	kV/-	8 / 3				8 / 3			
Gauge to IEC 60947-1 / UL94 Flammability class		/ V-0				/ V-0			
Approvals		KEMA 98ATEX1684 U				KEMA 98ATEX1684 U			
Clamped cable lugs									
Cable lug to DIN 46234 / 2 cable lugs to DIN 46234		2.5...50 mm² / 2.5...35 mm²				2.5...95 mm² / 2.5...70 mm²			
Cable lug to DIN 46234 / 2 cable lugs to DIN 46234		6...25 mm² / 6...25 mm²				16...70 mm² / 16...70 mm²			
Tightening torque range		3.0...6.0 Nm				6.0...12 Nm			
Note									

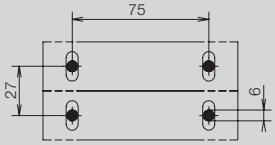
Ordering data

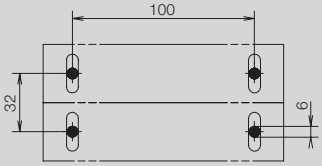
Version		WFF 35			WFF 70		
		Type	Qty	Order No.	Type	Qty	Order No.
Dark beige Wemid		WFF 35	10	**1028300000**	WFF 70	10	**1028400000**
Dark beige Wemid		WFF 35/AH	5	**1029300000**	WFF 70/AH	5	**1029400000**
Blue Wemid		WFF 35 BL	10	**1028380000**	WFF 70 BL	10	**1028480000**
Note							

Accessories

Cross-connection		WFF 35				WFF 70			
		Type	current	Qty	Order No.	Type	current	Qty	Order No.
2-pole		WQL 2 WFF35	150 A	5	**1064900000**	WQL 2 WFF70	232 A	5	**1065000000**
3-pole		WQL 3 WFF35	150 A	5	**1065400000**	WQL 3 WFF70	232 A	5	**1065500000**
Partition wall			**Width**				**Width**		
Dark beige Wemid		WTW WFF35	2 mm	10	**1067100000**	WTW WFF70	2 mm	10	**1067200000**
End bracket									
Dark beige Wemid		WEW 35/1	12 mm	50	**1059000000**	WEW 35/1	12 mm	50	**1059000000**
Hood									
Hood, dark beige Wemid		WAH 35		20	**1064460000**	WAH 70 BE		20	**1064560000**
Warning triangle for power supply terminals									
		WD 1 25 K KARTE A 6 ST		5	**1563900000**	WD 1 25 K KARTE A 6 ST		5	**1563900000**
Marking systems	(see assortment in catalogue 7)								
Marking tags		WS 12/6,5				WS 12/6,5			
For detailed information on other accessories and applications, refer to the „Accessories“ section		WAH 35 in blue, order no. 1064480000				WAH 70 in blue, order no. 1064580000			

Technical drawing





WFF 120 — 120 mm²

Screw thread M10

42 x 132 x 73
309 / 150
6...150

Ex e II II 2 G D

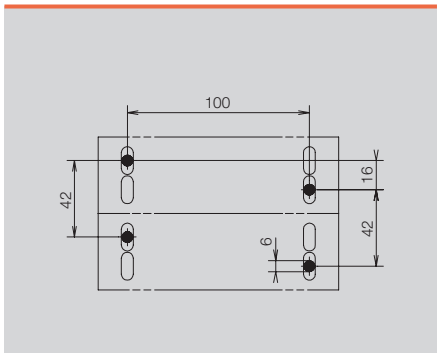
IEC	UL	CSA	EN 60079-7
1000	1000	600	1100
269	310	310	234
120	AWG 10...kcmil250	AWG 10...kcmil250	120
	8 / 3		
	/ V-0		
			KEMA 98ATEX1684 U

6...150 mm² / 6...120 mm²
16...150 mm² / 16...120 mm²
10...20 Nm

Type	Qty	Order No.
WFF 120	5	**1028500000**
WFF 120/AH	4	**1029500000**
WFF 120 BL	5	**1028580000**

Type	current	Qty	Order No.
WQL 2 WFF120	269 A	5	**1065100000**
WQL 3 WFF120	269 A	5	**1065600000**
	Width		
WTW WFF120	2 mm	10	**1067300000**
WEW 35/1	12 mm	50	**1059000000**
WAH 120		20	**1064660000**
WD 1 25 K KARTE A 6 ST		5	**1563900000**

WS 12/6,5
WAH 120 in blue, order no. 1064650000



WFF 185 — 185 mm²

Screw thread M12

55 x 163 x 79
415 / 240
10...240

Ex e II II 2 G D

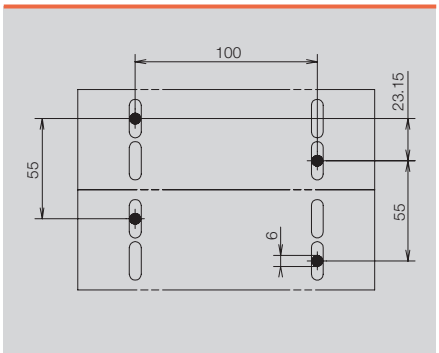
IEC	UL	CSA	EN 60079-7
1000	1000	600	1100
353	380	360	307
185	AWG 8...kcmil500	AWG 8...kcmil500	185
	8 / 3		
	/ V-0		
			KEMA 98ATEX1684 U

10...240 mm² / 10...185 mm²
25...240 mm² / 25...185 mm²
14...31 Nm

Type	Qty	Order No.
WFF 185	4	**1028600000**
WFF 185/AH	2	**1029600000**
WFF 185 BL	4	**1028680000**

Type	current	Qty	Order No.
WQL 2 WFF185	353 A	5	**1065200000**
WQL 3 WFF185	353 A	5	**1065700000**
	Width		
WTW WFF185/300	2 mm	10	**1067400000**
WEW 35/1	12 mm	50	**1059000000**
WAH 185/300 BE		10	**1064760000**
WD 1 25 K KARTE A 6 ST		5	**1563900000**

WS 12/6,5
WAH 185/300 in blue, order no. 1064780000



WFF 300 — 300 mm²

Screw thread M16

55 x 163 x 86
520 / 240
25...240

Ex e II II 2 G D

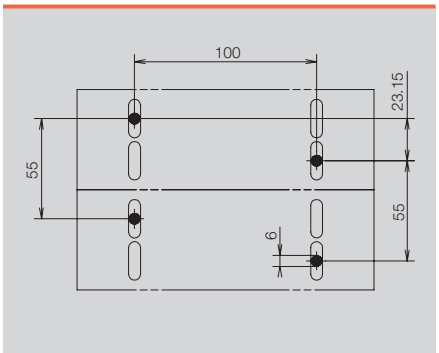
IEC	UL	CSA	EN 60079-7
1000	1000	600	1100
520	500	510	452
300	AWG 6...kcmil600	AWG 6...kcmil600	300
	8 / 3		
	/ V-0		
			KEMA 98ATEX1684 U

25...240 mm² / 25...240 mm²
50...300 mm² / 50...240 mm²
25...60 Nm

Type	Qty	Order No.
WFF 300	4	**1028700000**
WFF 300/AH	2	**1029700000**
WFF 300 BL	4	**1028780000**

Type	current	Qty	Order No.
WQL 2 WFF300	520 A	5	**1065300000**
WQL 3 WFF300	520 A	5	**1065800000**
	Width		
WTW WFF185/300	2 mm	10	**1067400000**
WEW 35/1	12 mm	50	**1059000000**
WAH 185/300 BE		10	**1064760000**
WD 1 25 K KARTE A 6 ST		5	**1563900000**

WS 12/6,5
WAH 185/300 in blue, order no. 1064780000



ST 4000 (up to 4 kV)

ST 4000/S M8	120 mm²
Screw thread M8	

ST 4000/S M10	120 mm²
Screw thread M10	

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

		ST 4000/S M8	ST 4000/S M10
Width/Length/height with TS35x7.5	mm	40 x 150 x 84	40 x 150 x 84
max. current / Flexible, max.	A/mm²	**269 / 120**	**269 / 120**
Max. clamping range	mm²	**1.5...120**	**4...120**

Technical data

Rated data with Wemid partition wall		IEC	UL	CSA	IEC	UL	CSA
Rated voltage	V	4000			4000		
Rated current	A	269			269		
Rated cross-section	mm²	120			120		
Rated impulse voltage / Pollution severity	kV/-		30 / 3			30 / 3	
Gauge to IEC 60947-1 / UL94 Flammability class			/ V-0			/ V-0	
Approvals							
Clamped cable lugs							
Cable lug to DIN 46234		1.5 - 120 mm²			4 - 120 mm²		
2 cable lugs to DIN 46234							
Cable lug to DIN 46234		16...70 mm²					
2 cable lugs to DIN 46234							
Tightening torque range		6.0...12 Nm			10...20 Nm		
Note		Rated voltage when using cable lugs to DIN 46234			Rated voltage when using cable lugs to DIN 46234		

Ordering data

Version	Type	Qty	Order No.	Type	Qty	Order No.
red	ST 4000/S M8	25	**1809110000**	ST 4000/S M10	25	**1809130000**
With internal thread	ST 4000/S M8 F	25	**1809120000**	ST 4000/S M10 F	25	**1809140000**
Note	Weidmüller can prepare drawings for a ST 4000 application to customer specification.			Weidmüller can prepare drawings for a ST 4000 application to customer specification.		

Accessories

Cross-connection	Type	current	Qty	Order No.	Type	current	Qty	Order No.
2-pole	ST 4000/S J2 M8	269 A	100	**1809310000**	ST 4000/S J2 M10		100	**1809340000**
3-pole	ST 4000/S J3 M8	269 A	50	**1809320000**	ST 4000/S J3 M10		50	**1809350000**
4-pole	ST 4000/S J4 M8	269 A	25	**1809330000**	ST 4000/S J4 M10		25	**1809360000**
Busbar		**Width**				**Width**		
M8 / 4 mm thick	ST 4000/S CB M8/4		100	**1809250000**				
M10 / 4 mm thick					ST 4000/S CB M10/4		100	**1809260000**
M10 / 6 mm thick					ST 4000/S CB M10/6		100	**1809270000**
M12 / 4 mm thick								
M12 / 6 mm thick								
Connecting piece								
130 mm length	ST 4000/S C130		50	**1809230000**	ST 4000/S C130		50	**1809230000**
160 mm length								
Partition wall								
150 mm length	ST 4000/S P150	10 mm	50	**1809190000**	ST 4000/S P150	10 mm	50	**1809190000**
180 mm length								
End partition								
150 mm length	ST 4000/S E150	10 mm	50	**1809210000**	ST 4000/S E150	10 mm	50	**1809210000**
180 mm length								
Touch-safe protection								
150 mm length	ST 4000/S S150		20	**1809470000**	ST 4000/S S150		20	**1809470000**
180 mm length								

(see assortment in catalogue 7)

For detailed information on other accessories and applications, refer to the „Accessories“ section

ST 4000/L M10 — 150 mm²

Screw thread M10

55 x 180 x 90
309 / 150
10...150

IEC	UL	CSA
4000		
309		
150		
	30 / 3	
	/ V-0	
10 - 150 mm²		
25 - 150 mm²		
10...20 Nm		

Rated voltage when using cable lugs to DIN 46234

Type	Qty	Order No.
ST 4000/L M10	15	**1809150000**
ST 4000/L M10 F	15	**1809160000**

Weidmüller can prepare drawings for a ST 4000 application to customer specification.

Type	current	Qty	Order No.
ST 4000/L J2 M10	309 A	50	**1809370000**
ST 4000/L J3 M10	309 A	50	**1809380000**
ST 4000/L J4 M10	309 A	25	**1809390000**
	Width		
ST 4000/L CB M10/4		100	**1809280000**
ST 4000/L C160		50	**1809240000**
ST 4000/L P180	10 mm	50	**1809200000**
ST 4000/L E180	10 mm	50	**1809220000**
ST 4000/L S180		1	**1809480000**

ST 4000/L M12 — 240 mm²

Screw thread M12

55 x 180 x 90
415 / 240
10...240

IEC	UL	CSA
4000		
415		
240		
	30 / 3	
	/ V-0	
10...240 mm²		
25...240 mm²		
14...31 Nm		

Rated voltage when using cable lugs to DIN 46234

Type	Qty	Order No.
ST 4000/L M12	15	**1809170000**
ST 4000/L M12 F	15	**1809180000**

Weidmüller can prepare drawings for a ST 4000 application to customer specification.

Type	current	Qty	Order No.
ST 4000/L J2 M12		50	**1809400000**
ST 4000/L J3 M12		50	**1809410000**
ST 4000/L J4 M12		25	**1809420000**
	Width		
ST 4000/L CB M12/4		100	**1809290000**
ST 4000/L CB M12/6		100	**1809300000**
ST 4000/L C160		50	**1809240000**
ST 4000/L P180	10 mm	50	**1809200000**
ST 4000/L E180	10 mm	50	**1809220000**
ST 4000/L S180		1	**1809480000**