

Screw connection with stud technology

Feed-through terminal blocks – WF and WFF

WFF 35

35 mm²

Screw thread M6



WFF 35 NFF

35 mm²

Screw thread M6



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

27 x 107 x 51	
150 / 50	
2.5...50	

27 x 107 x 51	
125 / 50	
2.5...50	

Technical data

Rated data with Wemid partition wall	
Rated voltage	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	
Approvals	
Clamped cable lugs	
Cable lug to DIN 46234 / 2 x cable lugs DIN 46 234	
Cable lug to DIN 46235 / 2 x cable lugs DIN 46 235	
Tightening torque min./max.	

Ex eb II C Gb II 2 G D			
IEC	UL	CSA	EN 60079-7
1000	1000	600	1100
125	115	130	125
35	AWG 14...2	AWG 14...2	35 mm ²
8 kV / 3			
/ V-0			
KEMA 98ATEX1684 U			
2.5...50 mm ² / 2.5 to 35 mm ²			
6...25 mm ² / 6...25 mm ²			
3...6 Nm			
1000 V UL and CSA for usage groups B and C: can be used with isolating terminal rails and when using WTW-type partitions.			

IEC	UL	CSA	EN 60079-7
500			
125			
35			
8 kV /			
/ V-0			
C E			
2.5...50 mm ² / 2.5 to 35 mm ²			
6...25 mm ² / 6...25 mm ²			
5.8...7 Nm			

Note

Ordering data

Version	
dark beige	
dark beige	
Blue	
Note	

Type	Qty.	Order No.
WFF 35	10	1028300000
WFF 35/AH	5	1029300000
WFF 35 BL	10	1028380000
1000 VDC rated voltage tested.		

Type	Qty.	Order No.
WFF 35 NFF	5	1049220000

Accessories

Cross-connector	
2-pole	
3-pole	
Auxiliary/control connection	
up to 4 mm ² , 32 A	
Spacer	
dark beige	
End bracket	
dark beige, screwable	
Hood	
Hood, dark beige Wemid	
Marking tags	
Warning triangle for power supply terminals	

Type	Qty.	Order No.
WQL 2 WFF35	125 A 5	1064900000
WQL 3 WFF35	125 A 5	1065400000
WZAF 35	32 A 10	1070500000
WTW WFF35	10	1067100000
WEW 35/1	50	1059000000
WAH 35	20	1064460000
WD 1 25 K KARTE A 6 ST	5	1563900000
WS 12/6.5 MC NE WS	540	1609920000

Type	Qty.	Order No.
WQL 2 WFF35	125 A 5	1064900000
WQL 3 WFF35	125 A 5	1065400000
WZAF 35	32 A 10	1070500000
WTW WFF35	10	1067100000
WEW 35/1	50	1059000000
WAH 35	20	1064460000
WD 1 25 K KARTE A 6 ST	5	1563900000
WS 12/6.5 MC NE WS	540	1609920000

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

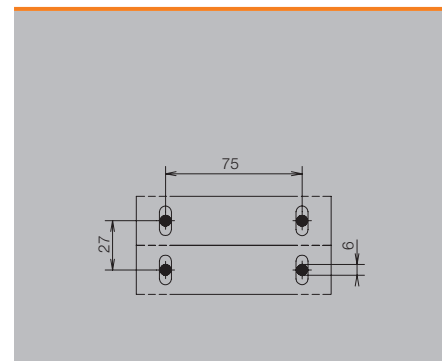
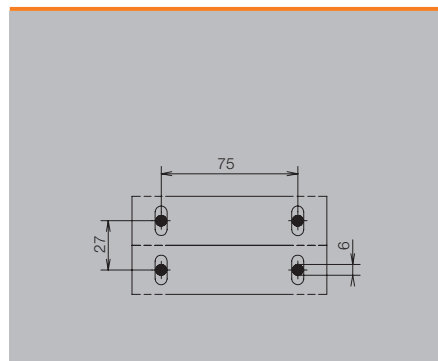
WAH 35 in blue, Order no. 1064480000

WAH 35 in blue, Order no. 1064480000

Technical drawing

Drilling template for direct mounting

Fixing screw for direct mounting	Order No.
M6 x 16	1063700000



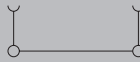
WFF 70

70 mm²

Screw thread M8



31.8 x 132 x 61
232 / 95
2.5...95



Ex eb II
C Gb II 2 G D

IEC	UL	CSA	EN 60079-7
1000	1000	600	
192	175	170	
70	AWG 14...0	AWG 14...0	

8 kV / 3
/ V-0

KEMA 98ATEX1684 U

2.5...95 mm² / 2.5...70 mm²

16...70 mm² / 16...70 mm²

6...12 Nm

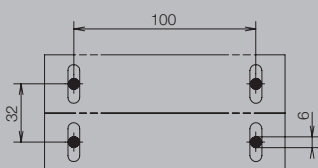
When connecting cable lugs (in accordance with DIN 46234) with 70 and 95 mm², the rated voltage is reduced to 800 V.

Type	Qty.	Order No.
WFF 70	10	1028400000
WFF 70/AH	5	1029400000
WFF 70 BL	10	1028480000

1000 V DC rated voltage tested. 1000 V UL and CSA for usage groups B and C. can be used with isolating terminal rails and when using WTW-type partitions.

Type	Qty.	Order No.
WQL 2 WFF70	192 A 5	1065000000
WQL 3 WFF70	192 A 5	1065500000
WZAF 70	32 A 10	1066200000
WTW WFF70	10	1067200000
WEW 35/1	50	1059000000
WAH 70 BE	20	1064560000
WD 1 25 K KARTE A 6 ST	5	1563900000
WS 12/6.5 MC NE WS	540	1609920000

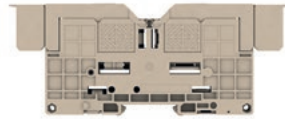
WAH 70 in blue, Order no. 1064580000



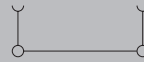
WFF 70 NFF

70 mm²

Screw thread M8



32 x 132 x 61
192 / 95
2.5...95



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000			
192			
70			

8 kV /
/ V-0

CE

2.5...95 mm² / 2.5...70 mm²

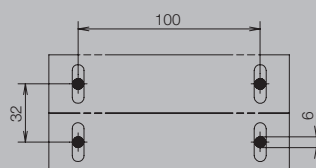
16...70 mm² / 16...70 mm²

15...18 Nm

Type	Qty.	Order No.
WFF 70 NFF	5	1049230000

Type	Qty.	Order No.
WQL 2 WFF70	192 A 5	1065000000
WQL 3 WFF70	192 A 5	1065500000
WZAF 70	32 A 10	1066200000
WTW WFF70	10	1067200000
WEW 35/1	50	1059000000
WAH 70 BE	20	1064560000
WD 1 25 K KARTE A 6 ST	5	1563900000
WS 12/6.5 MC NE WS	540	1609920000

WAH 70 in blue, Order no. 1064580000



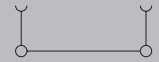
WFF 120

120 mm²

Screw thread M10



42 x 132 x 72
309 / 150
6...150



Ex eb II
C Gb II 2 G D

IEC	UL	CSA	EN 60079-7
1000	1000	600	
269	310	310	
120	AWG 10...250	AWG 10...250	

8 kV / 3
/ V-0

KEMA 98ATEX1684 U

6...150 mm² / 6 to 120 mm²

16...150 mm² / 16...120 mm²

10...20 Nm

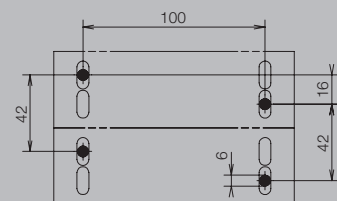
1000 V UL and CSA for usage groups B and C. can be used with isolating terminal rails and when using WTW-type partitions.

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

1000 VDC rated voltage tested.

Type	Qty.	Order No.
WQL 2 WFF120	269 A 5	1065100000
WQL 3 WFF120	269 A 5	1065600000
WZAF 120	32 A 10	1066300000
WTW WFF120	10	1067300000
WEW 35/1	50	1059000000
WAH 120	20	1064660000
WD 1 25 K KARTE A 6 ST	5	1563900000
WS 12/6.5 MC NE WS	540	1609920000

WAH 120 in blue, order No. 1064680000



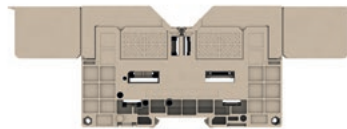
Screw connection with stud technology

Feed-through terminal blocks – WF and WFF

WFF 120 NFF

120 mm²

Screw thread M10



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

42 x 132 x 72.5	
269 / 150	
6...150	

Technical data

Rated data with Wemid partition wall	
Rated voltage	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	
Approvals	
Clamped cable lugs	
Cable lug to DIN 46234 / 2 x cable lugs DIN 46 234	
Cable lug to DIN 46235 / 2 x cable lugs DIN 46 235	
Tightening torque min./max.	

Note

Ordering data

Version	
	dark beige
	dark beige
	Blue
Note	

Accessories

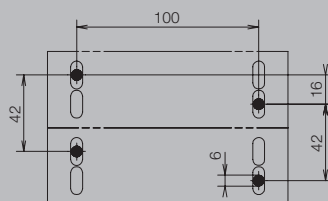
Cross-connector	
	2-pole
	3-pole
Auxiliary/control connection	
	up to 4 mm ² , 32 A
Spacer	
	dark beige
End bracket	
	dark beige, screwable
Hood	
	Hood, dark beige Wemid
Marking tags	
	Warning triangle for power supply terminals

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

Technical drawing

Drilling template for direct mounting

Fixing screw for direct mounting	Order No.
M6 x 16	1063700000



WFF 185

185 mm²

Screw thread M12



55 x 163 x 77.5	
415 / 240	
10...240	

IEC 60947-7-1 Ex eb II C Gb II 2 G D

IEC	UL	CSA	EN 60079-7
1000	1000	600	
353	380	360	
185	AWG 8...500	AWG 8...500	
8 kV / 3			
/ V-0			

CE CE ENEC NEMA KEMA 98ATEX1684 U

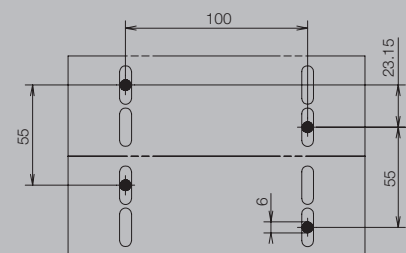
10...240 mm ² / 10...185 mm ²
25...240 mm ² / 25...185 mm ²
14...31 Nm

1000 V UL and CSA for usage groups B and C: can be used with isolating terminal rails and when using WTW-type partitions.

Type	Qty.	Order No.
WFF 185	4	1028600000
WFF 185/AH	2	1029600000
WFF 185 BL	4	1028680000
1000 VDC rated voltage tested.		

Type	Qty.	Order No.
WQL 2 WFF185	353 A 5	1065200000
WQL 3 WFF185	353 A 5	1065700000
WZAF 185	32 A 10	1066400000
WTW WFF185/300	10	1067400000
WEW 35/1	50	1059000000
WAH 185/300 BE	10	1064760000
WD 1 25 K KARTE A 6 ST	5	1563900000
WS 12/6.5 MC NE WS	540	1609920000

WAH 185/300 in blue, Order No. 1064780000



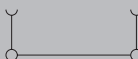
WFF 185 NFF

185 mm²

Screw thread M12



55 x 163 x 77.2
353 / 240
10...240



IEC	UL	CSA	EN 60079-7
500			
353			
185			

8 kV /
/ V-0

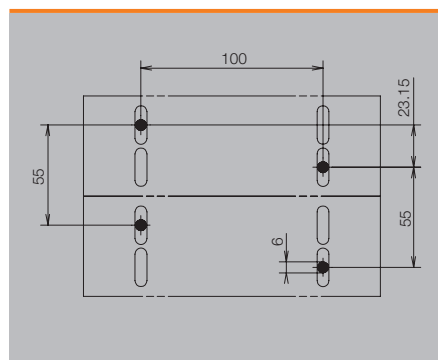
CE

10...240 mm² / 10...185 mm²
25...240 mm² / 25...185 mm²
50...60 Nm

Type	Qty.	Order No.
WFF 185 NFF	2	1049250000

Type	Qty.	Order No.
WQL 2 WFF185	353 A 5	1065200000
WQL 3 WFF185	353 A 5	1065700000
WZAF 185	32 A 10	1066400000
WTW WFF185/300	10	1067400000
WEW 35/1	50	1059000000
WAH 185/300 BE	10	1064760000
WD 1 25 K KARTE A 6 ST	5	1563900000
WS 12/6.5 MC NE WS	540	1609920000

WAH 185/300 in blue, Order no. 1064780000



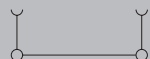
WFF 300

300 mm²

Screw thread M16



55 x 163 x 85.5
520 / 300
25...300



Ex eb II
C Gb II 2 G D

IEC	UL	CSA	EN 60079-7
1000	1000	600	
520	500	510	
300	AWG 6...600	AWG 6...600	

8 kV /
/ V-0

CE

KEMA 98ATEX1684 U

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

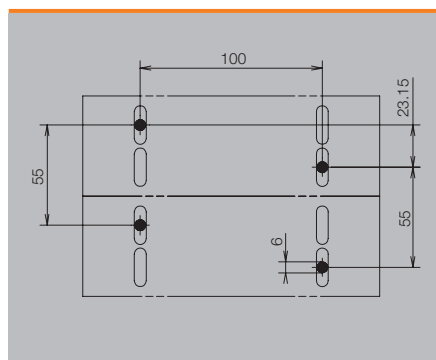
1000 V UL and CSA for usage groups B and C: can be used with isolating terminal rails and when using WTW-type partitions.

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

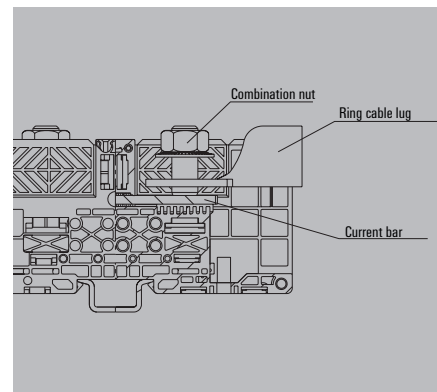
1000 VDC rated voltage tested.

Type	Qty.	Order No.
WQL 2 WFF300	520 A 5	1065300000
WQL 3 WFF300	520 A 5	1065800000
WZAF 300	32 A 10	1066500000
WTW WFF185/300	10	1067400000
WEW 35/1	50	1059000000
WAH 185/300 BE	10	1064760000
WD 1 25 K KARTE A 6 ST	5	1563900000
WS 12/6.5 MC NE WS	540	1609920000

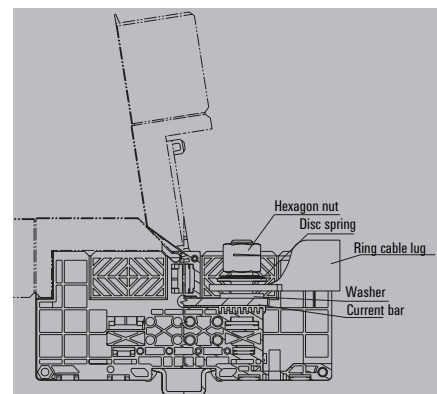
WAH 185/300 in blue, Order no. 1064780000



Stud connection series WFF



Stud connection series WFF NFF



Auxiliary/control line connection WZAF

