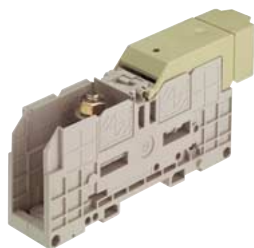
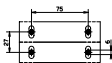


# Stud terminals



## WFF 35



Drill template for direct fitting  
150 A/50 mm<sup>2</sup>

Max. technical data

### Dimensions / approvals

Width/length/height (mm)	without WAH	27/107/54
Width/length/height (mm)	with WAH	27/136/60
Stud size	M	6

### VDE rated data 0611 Part 1/8.92/IEC 60 947-7-1

Rated voltage/current/cross-section	1000 V/125 A/35 mm <sup>2</sup>
Rated impulse voltage/pollution severity	8 kV/3

### Further technical data

Tightening torque range	Nm	3.0...6.0
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### Clampable conductors

Cable lug acc. to DIN 46 235	mm <sup>2</sup>	6...25
Cable lug acc. to DIN 46 234	mm <sup>2</sup>	2.5...50
2 x cable lug acc. to DIN 46 235	mm <sup>2</sup>	6...25
2 x cable lug acc. to DIN 46 234	mm <sup>2</sup>	2.5...35
Strips	mm	3 x 13 x 0.5
Strips	mm	6 x 13 x 0.5
Strips	mm	2 x 15.5 x 0.8

Max. connect. area in mm<sup>2</sup>, gauge for flat conn. to EN 50043 Size

Cont. current of cross-connect. 2-pole A 135

Cont. current of cross-connect. 3-pole A 135

### UL/CSA rated data

Voltage/current/conductor size UL 1000 V/115 A/14...2 AWG

Voltage/current/conductor size CSA 600 V/130 A/14...2 AWG

### Ordering data

Version	Color	Cat. No.	Qty.
Dark beige Wemid	WFF 35	1028300000	10
Blue Wemid	WFF 35	1028380000	10

with covers	Dark beige Wemid	WFF 35	1029300000	10
	Dark beige Wemid			

### Partition (thickness 2 mm)



### Cross-connection

WQL	WQL 2/35	1064900000	5
	WQL 3/35	1065400000	5

### Auxiliary/control conductor terminal

WZAF 35 (up to 4 mm <sup>2</sup> , 32 A)	WZAF 35	1070500000	10
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### Cover

Beige PA 66	WAH 35	1064460000	20
Blue PA 66	WAH 35 BL	1064480000	20
Light green PA 66	WAH 35 HG	1064450000	20
	WAP <sup>1)</sup>	1069700000	20

### Danger sign



Yellow, self-adhesive, with lightning flash, can be stuck to WAH only

WD 1	1563900000	5
Qty. = 5 cards with 6 labels each		

### Fixing screw/Screwdriver

For direct fitting	M 6 x 16 <sup>2)</sup>	1063700000	20
Screwdriver	SDI	9008410000	1

### Cupal washers

For aluminium conductors	CPSB M 6	0156200000	50
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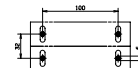
### Marking tags

Print	Color	Code	Qty.
DEK Standard	DEK 5	see "Accessories"	
WS white neutral	WS 12/6.5	1609920000	540
WS indiv. printed	WS 12/6.5	1609930000	108

### Mounting rails, end brackets, further marking materials see "Accessories"

<sup>1)</sup> The WAP can be used only in conjunction with the WAH.  
In the event that no conductor is connected, it guarantees shock protection in the connection.  
<sup>2)</sup> Screw locking e.g. with Loctite 243 for e.g. railway applications acc. to DIN EN 50 155/5.96

## WFF 70



Drill template for direct fitting  
232 A/95 mm<sup>2</sup>

### Dimensions / approvals

Width/length/height (mm)	without WAH	32/132/63
Width/length/height (mm)	with WAH	32/179/71.5
Stud size	M	8

### VDE rated data 0611 Part 1/8.92/IEC 60 947-7-1

Rated voltage/current/cross-section	1000 V/192 A/70 mm <sup>2</sup>
Rated impulse voltage/pollution severity	8 kV/3

### Further technical data

Tightening torque range	Nm	6.0...12
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### Clampable conductors

Cable lug acc. to DIN 46 235	mm <sup>2</sup>	16...70
Cable lug acc. to DIN 46 234	mm <sup>2</sup>	2.5...120
2 x cable lug acc. to DIN 46 235	mm <sup>2</sup>	16...70
2 x cable lug acc. to DIN 46 234	mm <sup>2</sup>	2.5...70
Strips	mm	2 x 15.5 x 0.8
Strips	mm	4 x 15.5 x 0.8
Strips	mm	6 x 15.5 x 0.8

Max. connect. area in mm<sup>2</sup>, gauge for flat conn. to EN 50043 Size

Cont. current of cross-connect. 2-pole A 207

Cont. current of cross-connect. 3-pole A 207

### UL/CSA rated data

Voltage/current/conductor size UL 1000 V/175 A/14...2/0 AWG

Voltage/current/conductor size CSA 600 V/170 A/14...2/0 AWG

Version	Color	Cat. No.	Qty.
Dark beige Wemid	WFF 70	1028400000	10
Blue Wemid	WFF 70	1028480000	10

with covers	Dark beige Wemid	WFF 70	1029400000	10
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Type	Cat. No.	Qty.
WTW WFF 70	1067200000	10

WQL	WQL 2/70	1065000000	5
	WQL 3/70	1065500000	5

WZAF 70 (up to 4 mm <sup>2</sup> , 32 A)	WZAF 70	1066200000	10
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Beige PA 66	WAH 70	1064560000	20
Blue PA 66	WAH 70 BL	1064580000	20
Light green PA 66	WAH 70 HG	1064550000	20
	WAP <sup>1)</sup>	1069800000	20

WD 1	1563900000	5
Qty. = 5 cards with 6 labels each		

For direct fitting	M 6x16 <sup>2)</sup>	1063700000	20
Screwdriver	SDI	9008410000	1

For aluminium conductors	CPSB M 8	0156300000	50
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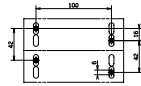
Print	Code	Qty.
DEK Standard	DEK 5	see "Accessories"
WS white neutral	WS 12/6.5	1609920000
WS indiv. printed	WS 12/6.5	1609930000

### Mounting rails, end brackets, further marking materials see "Accessories"

**Note:** If tension rods are used, individual terminals can be combined for protection. (available on request)

# Stud terminals

## WFF 120



Drill template for direct fitting  
309 A/150 mm<sup>2</sup>

42/132/72			
42/230/81			
10			
1000 V/269 A/120 mm <sup>2</sup>			
8 kV/3			
10...20			
16...150			
6...150			
16...120			
6...120			
2 x 20 x 1			
6 x 20 x 1			
5 x 24 x 1			
5.26...150		C 8	
292			
292			

1000 V/310 A/10...250 kcmil AWG			
600 V/310 A/10...250 kcmil AWG			
	Cat. No.	Qty.	
WFF 120	<b>1028500000</b>	5	
WFF 120	<b>1028580000</b>	5	
WFF 120	<b>1029500000</b>	5	
Type	Cat. No.	Qty.	
WTW WFF 120	<b>1067300000</b>	10	

WQL 2/120	<b>1065100000</b>	5	
WQL 3/120	<b>1065600000</b>	5	

WZAF 120	<b>1066300000</b>	10	
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WAH 120	<b>1064660000</b>	20	
WAH 120 BL	<b>1064680000</b>	20	
WAH 120 HG	<b>1064650000</b>	20	
WAP <sup>1)</sup>	<b>1073000000</b>	20	

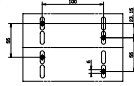
WD 1	<b>1563900000</b>	5	
Qty. = 5 cards with 6 labels each			

M 6x16 <sup>2)</sup>	<b>1063700000</b>	20	
SDI	<b>9008410000</b>	1	

CPSB M 10	<b>0156400000</b>	50	
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DEK 5	see "Accessories"		
WS 12/6.5	<b>1609920000</b>	540	
WS 12/6.5	<b>1609930000</b>	108	

## WFF 185 / WFF 185 M 12 + M 16



Drill template for direct fitting  
415 A/240 mm<sup>2</sup>

55/163/78			
55/287/91			
12			
1000 V/353 A/185 mm <sup>2</sup>			
8 kV/3			
14...31			
25...240			
10...240			
25...185			
10...185			
2 x 24 x 1	10 x 24 x 1		
2 x 32 x 1	6 x 32 x 1		
3 x 35 x 1			
8.37...240		C 11	
382			
382			

1000 V/380 A/8...500 kcmil AWG			
600 V/360 A/8...500 kcmil AWG			
	Cat. No.	Qty.	
WFF 185	<b>1028600000</b>	4	
WFF 185	<b>1028680000</b>	4	
WFF 185	<b>1029600000</b>	4	
WFF 185 (M12+M16)	<b>1028650000</b>	4	
Type	Cat. No.	Qty.	
WTW WFF 185	<b>1067400000</b>	10	

WQL 2/185	<b>1065200000</b>	5	
WQL 3/185	<b>1065700000</b>	5	

WZAF 185	<b>1066400000</b>	10	
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WAH 185/300	<b>1064760000</b>	10	
WAH 185/300 BL	<b>1064780000</b>	10	
WAH 185/300 HG	<b>1064750000</b>	10	

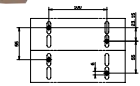
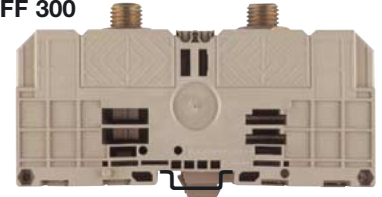
WD 1	<b>1563900000</b>	5	
Qty. = 5 cards with 6 labels each			

M 6x16 <sup>2)</sup>	<b>1063700000</b>	20	
SDI	<b>9008410000</b>	1	

CPSB M 12	<b>0156500000</b>	20	
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DEK 5	see "Accessories"		
WS 12/6.5	<b>1609920000</b>	540	
WS 12/6.5	<b>1609930000</b>	108	

## WFF 300



Drill template for direct fitting  
520 A/300 mm<sup>2</sup>

55/163/86			
55/287/90			
16			
1000 V/520 A/300 mm <sup>2</sup>			
8 kV/3			
25...60			
50...300			
25...240			
50...240			
25...240			
2 x 40 x 1	3 x 35 x 1		
6 x 40 x 1	8 x 32 x 1		
8 x 40 x 1			
13.3...300		-	
520			
520			

1000 V/500 A/6...600 kcmil AWG			
600 V/510 A/6...600 kcmil AWG			
	Cat. No.	Qty.	
WFF 300	<b>1028700000</b>	4	
WFF 300	<b>1028780000</b>	4	
WFF 300	<b>1029700000</b>	4	
Type	Cat. No.	Qty.	
WTW WFF 300	<b>1067400000</b>	10	

WQL 2/300	<b>1065300000</b>	5	
WQL 3/300	<b>1065800000</b>	5	

WZAF 300	<b>1066500000</b>	10	
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WAH 185/300	<b>1064760000</b>	10	
WAH 185/300 BL	<b>1064780000</b>	10	
WAH 185/300 HG	<b>1064750000</b>	10	

WD 1	<b>1563900000</b>	5	
Qty. = 5 cards with 6 labels each			

M 6x16 <sup>2)</sup>	<b>1063700000</b>	20	
SDI	<b>9008410000</b>	1	

CPSB M 16	<b>0156500000</b>	20	
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DEK 5	see "Accessories"		
WS 12/6.5	<b>1609920000</b>	540	
WS 12/6.5	<b>1609930000</b>	108	

<sup>1)</sup> The WAP can be used only in conjunction with the WAH.  
In the event that no conductor is connected, it guarantees shock protection in the connection.  
<sup>2)</sup> Screw locking e.g. with Loctite 243 for e.g. railway applications acc. to DIN EN 50 155/5.96

**Note:** If **tension rods** are used, individual terminals can be combined for protection. (available on request)