

CONNECTING
VISIONS




Power Distribution Blocks

Convenient and space-saving







With its Power Distribution Blocks, FTG offers an extensive programme including an enormous variety of solutions, irrespective of whether sectional conductors, round conductors, flat conductors, aluminium or copper are used.

Power Distribution Blocks

Apart from time, FTG Power Distribution Blocks save space in the control cabinet as well. On account of the small dimensions and the compact engineering, the Power Distribution Blocks fit into any space.



Like many products supplied by FTG, Power Distribution Blocks offer the possibility of reducing fitting times. The individual modules can be snapped on to the DIN rails easily, and can be removed again, whenever required. In addition, it is possible to screw the distributor on to the mounting plate directly. Conductors up to 240 sqmm can be connected. The modules can be loaded with a maximum of 800 A. The output side can be fitted with up to eleven conductors, in parts with different cross-section of up to 240 sqmm !



- feed by sectional round or flat conductors
- numerous output points
- can be push-fit to flat copper in some cases
- time and space saving
- finger safe (IP 20)
- UL listed in some cases
- up to 800 A
- supply conductors up to 240 sqmm
- output conductors up to 240 sqmm
- high short-circuit proofness (up to I_{pk} 50 kA)
- single to four pole modules
- up to five-pole layout possible by combining individual modules

Single-pole Power Distribution Blocks




 1 x 16 - 50 mm²
 1 x 16 - 70 mm²
 10 x 2,5 - 10 mm²
 10 x 2,5 - 16 mm²
 71 x 45 x 42,5 mm




CU	38074	1000V AC, 1500V DC 175A (IEC) 600V AC 175A	
N	38074N	1000V AC, 1500V DC 175A (IEC)	
PE	38074PE	1000V AC, 1500V DC 175A (IEC)	
AL	38074AL	1000V AC, 1500V DC 125A (IEC)	





 Flat copper up to 15 x 5 mm
 1 x 10 - 50 mm²
 1 x 10 - 70 mm²
 6 x 2,5 - 16 mm²
 6 x 2,5 - 16 mm²
 92 x 35 x 49 mm






CU	38032	1000V AC, 1500V DC 160A (IEC) 600V AC 160A	
AL	38032AL	1000V AC, 1500V DC 125A (IEC)	




 1 x 25 - 70 mm²
 1 x 35 - 120 mm²
 2 x 6 - 25 mm² | 5 x 1,5 - 16 mm² | 4 x 1,5 - 10 mm²
 2 x 6 - 35 mm² | 5 x 1,5 - 16 mm² | 4 x 1,5 - 10 mm²
 95,5 x 44,5 x 49 mm


CU	38020	1000V AC, 1500V DC 250A (IEC) 600V 230A	
AL	38020AL	1000V AC, 1500V DC 200A (IEC)	




 1 x 95 - 150 mm²
 1 x 95 - 185 mm²
 2 x 6 - 25 mm² | 5 x 1,5 - 10 mm² | 4 x 1,5 - 10 mm²
 2 x 6 - 35 mm² | 5 x 1,5 - 16 mm² | 4 x 1,5 - 10 mm²
 95,5 x 44,5 x 49 mm






CU	38019	1000V AC, 1500V DC 400A (IEC) 600V AC 310A	
AL	38019AL	1000V AC, 1500V DC 300A (IEC)	




 Flat copper up to 24 x 6 mm
 Flat copper up to 24 x 6 mm
 2 x 2,5 - 35 mm² | 5 x 2,5 - 16 mm² | 4 x 2,5 - 10 mm²
 2 x 2,5 - 35 mm² | 5 x 2,5 - 16 mm² | 4 x 2,5 - 10 mm²
 95,5 x 44,5 x 49 mm

CU	38044	1000V AC, 1500V DC 500A (IEC)	
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 2 x 2,5 - 16 mm²
 2 x 2,5 - 16 mm²
 4 x 2,5 - 6 mm² | 2 x 2,5 - 16 mm²
 4 x 2,5 - 6 mm² | 2 x 2,5 - 16 mm²
 66 x 27 x 47 mm

CU	38049	1000V AC, 1500V DC 80A (IEC) 600V AC 80A	
PE	38049PE	1000V AC, 1500V DC 80A (IEC)	
AL	38049AL	1000V AC, 1500V DC 63A (IEC)	



 1 x 10 - 35 mm² | 1 x 6 - 16 mm²
 1 x 10 - 35 mm² | 1 x 6 - 16 mm²
 6 x 2,5 - 16 mm²
 6 x 2,5 - 16 mm²
 74 x 27 x 47 mm






CU	38041	1000V AC, 1500V DC 125A (IEC) 600V AC 115A	
N	38041N	1000V AC, 1500V DC 125A (IEC)	
PE	38041PE	1000V AC, 1500V DC 125A (IEC)	
AL	38041AL	1000V AC, 1500V DC 100A (IEC)	



 1 x 10 - 35 mm²
 1 x 10 - 35 mm²
 1 x 10 - 35 mm² | 3 x 1,5 - 16 mm²
 1 x 10 - 35 mm² | 3 x 1,5 - 16 mm²
 68 x 35,3 x 45 mm

CU	38083	1000V AC, 1500V DC 125A (IEC)	
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




Single, two pole Power Distribution Blocks

-  $1 \times 10 - 35 \text{ mm}^2$
-  $1 \times 10 - 50 \text{ mm}^2$
-  $10 \times 2,5 - 10 \text{ mm}^2$
-  $10 \times 2,5 - 16 \text{ mm}^2$
-  $71 \times 45 \times 42,5 \text{ mm}$



CU 38076 1000V AC, 1500V DC | 125A (IEC) | 600V | 115A

AL 38076AL 1000V AC, 1500V DC | 100A (IEC)

-  Flat copper up to $20 \times 12 \text{ mm}$
-  Commutator bar copper up to $20 \times 1 \times 11 \text{ mm}$
-  $1 \times 16 - 185 \text{ mm}^2$
-  $1 \times 35 - 240 \text{ mm}^2$
-  $1 \times 16 - 185 \text{ mm}^2$
-  $1 \times 35 - 240 \text{ mm}^2$
-  $145 \times 40 \times 81 \text{ mm}$



CU 38061 1000V AC, 1500V DC | 400A (IEC)








AL 38061 1000V AC, 1500V DC | 300A (IEC)

-  Flachkupfer bis $50 \times 10 \text{ mm}$ | $20 \times 15 \text{ mm}$
-  Lamellenkupfer bis $50 \times 1 \times 10 \text{ mm}$ | $24 \times 1 \times 10 \text{ mm}$
-  $1 \times 16 - 185 \text{ mm}^2$
-  $1 \times 35 - 240 \text{ mm}^2$, 50mm breit
-  $2 \times 16 - 240 \text{ mm}^2$
-  $2 \times 35 - 240 \text{ mm}^2$
-  $145 \times 72 \times 80 \text{ mm}$



CU 38062 1000V AC, 1500V DC | 800A (IEC)

AL 38062 1000V AC, 1500V DC | 630A (IEC)




-  Flat copper up to $20 \times 15 \text{ mm}$
-  Commutator bar copper up to $24 \times 1 \times 10 \text{ mm}$
-  $2 \times 16 - 185 \text{ mm}^2$
-  $2 \times 35 - 240 \text{ mm}^2$
-  $2 \times 16 - 185 \text{ mm}^2$
-  $2 \times 35 - 240 \text{ mm}^2$
-  $145 \times 72 \times 80 \text{ mm}$



CU 38063 1000V AC, 1500V DC | 800A (IEC)




AL 38063 1000V AC, 1500V DC | 630A (IEC)



-  $2 \times 25 \text{ mm}^2$ per pole (two-pole design)
-  $10 \times 16 \text{ mm}^2$ per pole (two-pole design)
-  $129 \times 85 \times 48 \text{ mm}$




CU 38022 1000V AC, 1500V DC | 125A (IEC)



-  $1 \times 16 \text{ mm}^2$ per pole (two-pole design)
-  $8 \times 10 \text{ mm}^2$ per pole (two-pole design)
-  $88 \times 85 \times 48 \text{ mm}$

CU 38023 1000V AC, 1500V DC | 80A (IEC)






-  $1 \times$ flat copper $20 \times 10 \text{ mm}$
-  $4 \times 1,5 - 25 \text{ mm}^2$ | $2 \times 10 - 35 \text{ mm}^2$
-  $76 \times 51 \times 73 \text{ mm}$

CU 38084 1000V AC, 1500V DC | 550A (IEC) | 600V | 310A




Two, three, four pole Power Distribution Blocks



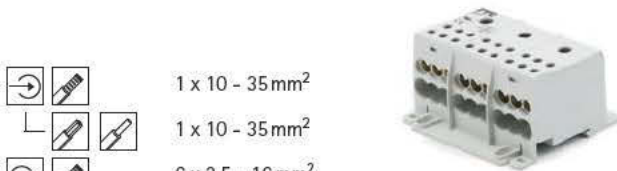
-  2 x 6 - 16 mm² per pole (two-pole design)
-  9 x 6 - 10 mm² per pole (two-pole design)
-  126 x 93 x 48 mm






CU 38122 1000V AC, 1500V DC | 125A (IEC)




-  2 x 6 - 25 mm² per pole (two-pole design)
-  7 x 6 - 10 mm² per pole (two-pole design)
-  89 x 93 x 48 mm

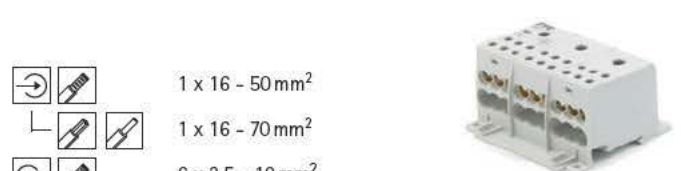
CU 38123 1000V AC, 1500V DC | 125A (IEC)









-  1 x 10 - 35 mm²
-  1 x 10 - 35 mm²
-  6 x 2,5 - 16 mm²
-  6 x 2,5 - 16 mm²
-  80 x 71,5 x 42,5 mm

CU 38075 1000V AC, 1500V DC | 125A (IEC) | 600V AC | 115A 

AL 38075AL 1000V AC, 1500V DC | 115A (IEC)





-  1 x 16 - 50 mm²
-  1 x 16 - 70 mm²
-  6 x 2,5 - 10 mm²
-  6 x 2,5 - 16 mm²
-  80 x 71,5 x 42,5 mm

CU 38073 1000V AC, 1500V DC | 175A (IEC) | 600V AC | 175A 




AL 38073AL 1000V AC, 1500V DC | 125A (IEC)



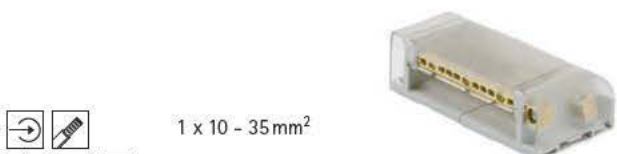
-  1 x 2,5 - 16 mm² per pole (four-pole design)
-  8 x 1,5 - 10 mm² per pole (four-pole design)
-  88 x 85 x 48 mm






CU 38005 1000V AC, 1500V DC | 80A (IEC)



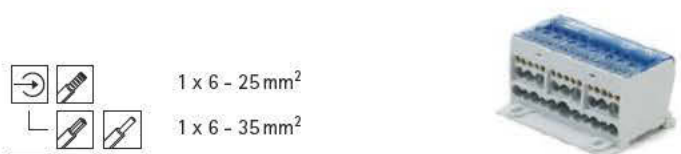
-  2 x 10 - 35 mm² per pole (four-pole design)
-  10 x 2,5 - 16 mm² per pole (four-pole design)
-  129 x 85 x 48 mm







CU 38001 1000V AC, 1500V DC | 125A (IEC)



-  1 x 10 - 35 mm²
-  1 x 10 - 50 mm²
-  3 x 10 - 25 mm² | 8 x 2,5 - 16 mm²
-  3 x 10 - 35 mm² | 8 x 2,5 - 16 mm²
-  160,5 x 90 x 50 mm

CU 38027 1000V AC, 1500V DC | 160A (IEC)



-  1 x 6 - 25 mm²
-  1 x 6 - 35 mm²
-  3 Pole x (5 x 1,5 - 6 mm², 2 x 4 - 10 mm², 1 x 6 - 25 mm²)
-  1 Pole x (4 x 1,5 - 6 mm², 6 x 4 - 10 mm²)
-  3 Pole x (5 x 1,5 - 10 mm², 2 x 4 - 16 mm², 1 x 6 - 35 mm²)
-  1 Pole x (4 x 1,5 - 10 mm², 6 x 4 - 16 mm²)

CU 38056 1000V AC, 1500V DC | 125A (IEC)

Four, five pole Power Distribution Blocks



	2 x 6 - 25 mm ² per pole (four-pole design)
	2 x 6 - 35 mm ² per pole (four-pole design)
	9 x 1,5 - 10 mm ² 2 x 1,5 - 16 mm ² (per pole)
	9 x 2,5 - 16 mm ² 2 x 2,5 - 16 mm ² (per pole)
CU	38101 1000V AC, 1500V DC 125A (IEC)



	2 x 6 - 25 mm ² per pole (four-pole design)
	2 x 6 - 35 mm ² per pole (four-pole design)
	7 x 1,5 - 10 mm ² (per pole)
	7 x 2,5 - 16 mm ² (per pole)
CU	38105 1000V AC, 1500V DC 125A (IEC)



	38075NPE Set
CU	38075 1000V AC, 1500V DC 125A (IEC) 600V AC 115A
N	38074N 1000V AC, 1500V DC 125A (IEC)
PE	38074PE 1000V AC, 1500V DC 125A (IEC)



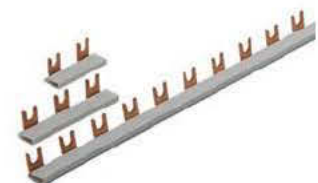
	38073NPE Set
CU	38073 1000V AC, 1500V DC 175A (IEC) 600V AC 175A
N	38074N 1000V AC, 1500V DC 175A (IEC)
PE	38074PE 1000V AC, 1500V DC 175A (IEC)



38038	
Terminal lug suitable for distributor blocks	
	14,6 mm up to 250A
	65 x 25 mm



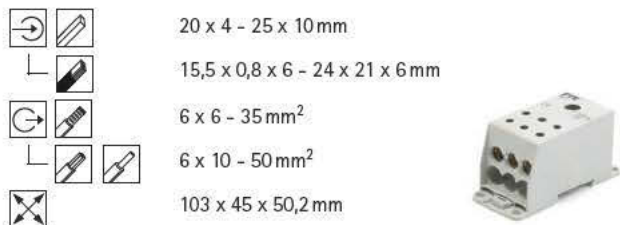
38026	
Terminal lug suitable for distributor blocks	
	18,8 mm up to 400A
	70 x 30 mm



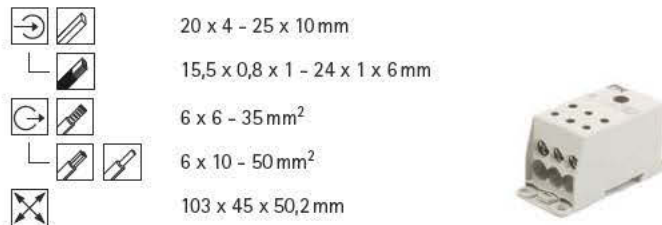
	20 mm ²	
	27 mm	
380/2TE		2
3080/3TE		3
3080		37

Connection bar suitable for distribution blocks 38041

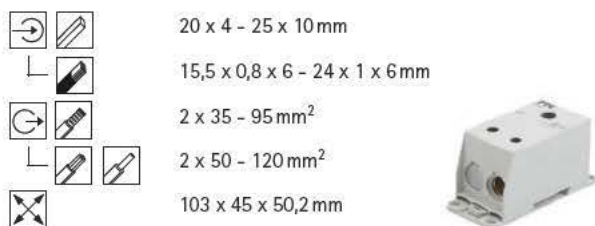
Single-pole Power Distribution Blocks



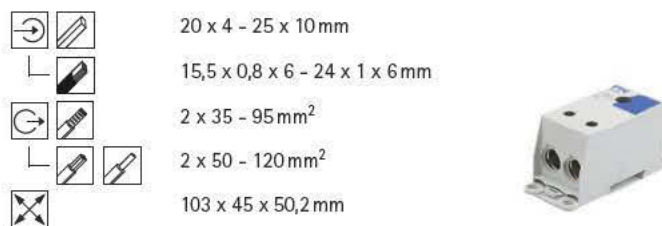
CU	38401	1000V AC, 1500V DC 400A (IEC)
N	38401N	1000V AC, 1500V DC 400A (IEC)
PE	38401PE	1000V AC, 1500V DC 400A (IEC)
DC	38401R	1000V AC, 1500V DC 400A (IEC)



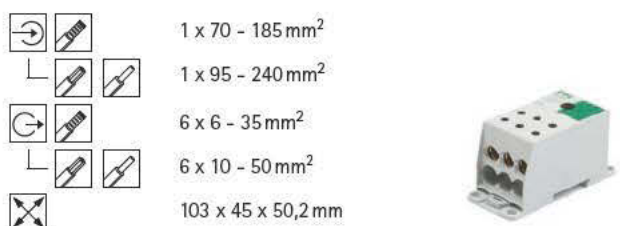
CU	38501	1000V AC, 1500V DC 400A (IEC)
AL	38501	1000V AC, 1500V DC 350A (IEC)
N	38501N	1000V AC, 1500V DC 400A (IEC)
PE	38501PE	1000V AC, 1500V DC 400A (IEC)
DC	38501R	1000V AC, 1500V DC 400A (IEC)



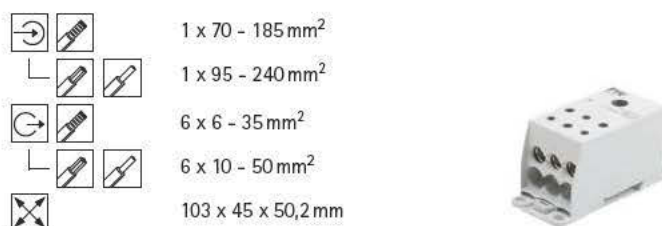
CU	38402	1000V AC, 1500V DC 400A (IEC)
N	38402N	1000V AC, 1500V DC 400A (IEC)
PE	38402PE	1000V AC, 1500V DC 400A (IEC)
DC	38402R	1000V AC, 1500V DC 400A (IEC)



CU	38502	1000V AC, 1500V DC 400A (IEC)
AL	38502	1000V AC, 1500V DC 350A (IEC)
N	38502N	1000V AC, 1500V DC 400A (IEC)
PE	38502PE	1000V AC, 1500V DC 400A (IEC)
DC	38502R	1000V AC, 1500V DC 400A (IEC)








CU	38403	1000V AC, 1500V DC 400A (IEC)
N	38403N	1000V AC, 1500V DC 400A (IEC)
PE	38403PE	1000V AC, 1500V DC 400A (IEC)
DC	38403R	1000V AC, 1500V DC 400A (IEC)








CU	38503	1000V AC, 1500V DC 400A (IEC)
AL	38503	1000V AC, 1500V DC 350A (IEC)
N	38503N	1000V AC, 1500V DC 400A (IEC)
PE	38503PE	1000V AC, 1500V DC 400A (IEC)
DC	38503R	1000V AC, 1500V DC 400A (IEC)

Single-pole Power Distribution Blocks

	1 x 70 - 185 mm ²
	1 x 95 - 240 mm ²
	2 x 35 - 95 mm ²
	2 x 50 - 120 mm ²
	103 x 45 x 50,2 mm








CU	38404	1000V AC, 1500V DC 400A (IEC)
N	38404N	1000V AC, 1500V DC 400A (IEC)
PE	38404PE	1000V AC, 1500V DC 400A (IEC)
DC	38404R	1000V AC, 1500V DC 400A (IEC)


	1 x 70 - 185 mm ²
	1 x 95 - 240 mm ²
	2 x 35 - 95 mm ²
	2 x 50 - 120 mm ²
	103 x 45 x 50,2 mm








CU	38504	1000V AC, 1500V DC 400A (IEC)
AL	38504	1000V AC, 1500V DC 350A (IEC)
N	38504N	1000V AC, 1500V DC 400A (IEC)
PE	38504PE	1000V AC, 1500V DC 400A (IEC)
DC	38504R	1000V AC, 1500V DC 400A (IEC)


	1 x 16 - 185 mm ²
	1 x 16 - 240 mm ²
	1 x 16 - 185 mm ²
	1 x 16 - 240 mm ²
	145 x 40 x 80 mm



CU	38057	1000V AC, 1500V DC 400A (IEC) 600V AC 335A 
AL	38057	1000V AC, 1500V DC 300A (IEC)

	2 x 16 - 240 mm ²
	2 x 25 - 300 mm ²
	2 x 16 - 240 mm ²
	2 x 25 - 300 mm ²
	145 x 72 x 80 mm



CU	38059	1000V AC, 1500V DC 800A (IEC) 600V AC 600A 
AL	38059	1000V AC, 1500V DC 630A (IEC)

	Input
	Output
	Dimensions (Dimensionen)
	Solid conductor
	Laminated conductor
	Single-wire conductor
	Multi-wire conductor
	Flexible conductor with ferrule
	Step distance
	Cross-section
	Connection lug
	Set consisting of several articles

CU	Suitable for copper conductors
AL	Suitable for aluminium and copper conductors
N	Printing in blue
PE	Printing in green
DC	Printing in red
	UL certified USR + CSA
	UL certified USR + CNR

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