

**Please note:** Prices of copper products are based on the London Metal Exchange and will vary from time to time. Consult our sales department for the latest pricing before placing orders.



Distribution blocks permit simple termination from one main incomer supply (up to 500A) to be distributed to many other lower current outputs downstream. Equipped with an opening transparent protection screen for easy inspection of terminations.

type	rated current (A)	feed-in terminals		max. output terminals (mm <sup>2</sup> )					lcw (kA)	lpk (kA)	dimensions (mm)		
		max. cable (mm <sup>2</sup> )	busbar W (mm)	4	6	10	16	35			(H)	(W)	(D)

**RP series - Power distribution blocks**

- Insulating body: PA 66 UL 94-V0, Cover: PC, transparent yellow
- Conduction block: Tinned copper
- Index Protection: IP20
- Compliant with standard EN 60947-7-1

**Single pole power distribution blocks - can receive Cable or Flexible/rigid bars (in some cases)**

Model	Rated Current (A)	Max. Cable (mm <sup>2</sup> )	Busbar W (mm)	4	6	10	16	35	lcw (kA)	lpk (kA)	H (mm)	W (mm)	D (mm)
RPU3000	125A	10...35	9	-	-	-	9x	-	4.4	30	75	40	48
RPU3005	160A	10...70	13	-	-	-	9x	-	11	30	75	40	48
RPU3010	250A	35...120	15.5	-	-	4x	5x	2x	21	51	96	47	50
RPU3015	400A	95...185	20	-	-	4x	5x	2x	21	51	96	47	50
RPU3020	500A	-	24	-	-	4x	5x	2x	21	51	96	47	50

**Multi-pole distribution blocks** *DIN rail mountable* EN 60947-7-1

- Mounting: DIN rail or chassis mounting
- Insulating structure: Self-extinguishing to UL94-V0 - Insulation between phases
- Conductor material: Brass conductors - galvanised steel screws
- Protection cover: PC UL94-V0, transparent yellow - front removal

**4 pole (3ph+N) distribution blocks** *DIN rail mounting*

**Low profile version 50 mm deep (fits into same space as standard MCBs)**

Model	Rated Current (A)	Max. Cable (mm <sup>2</sup> )	4	6	10	16	35	lcw (kA)	lpk (kA)	H (mm)	W (mm)	D (mm)	
RPQ1005	125A	10...35	-	7	7	-	2	1	4.2	20	84	100	50
RPQ1010	125A	10...35	-	11	11	-	2	1	4.2	20	84	132	50

**Separated input terminals**

**Front entry input terminals - (2 phases on each side)**

Model	Rated Current (A)	Max. Cable (mm <sup>2</sup> )	4	6	10	16	35	lcw (kA)	lpk (kA)	H (mm)	W (mm)	D (mm)
RPQ1015	160A	10...50	-	-	-	8	3	9	22	85	168	70

**Side entry input terminals - (all inputs from left side)**

Model	Rated Current (A)	Max. Cable (mm <sup>2</sup> )	4	6	10	16	35	lcw (kA)	lpk (kA)	H (mm)	W (mm)	D (mm)
RPQ1018	160A	10...50	-	-	-	8	3	9	22	95	154	67

**Busbar supports** *(Per pack)*

**4 pole (3ph+N) insulated busbar supports**

- Glow wire test: 960°C
- Working temperature: -40°C ... +130°C
- Self-extinguishing UL 94-V0 - Halogen free
- Polyamide 66 reinforced with 30% fibreglass
- Supplied with screws and nuts for mounting on panels, fixing busbars and protection screen

**250A - DIN rail or chassis mount busbar support (1 piece per pack)**

Model	Rated Current (A)	Description	H (mm)	W (mm)	L (mm)
PSP1002	250A	busbar support for 15/20 mm x 5 mm bars	190	20	105

**400A - Panel mount busbar support (2 piece per pack)**

Model	Rated Current (A)	Description	H (mm)	W (mm)	L (mm)
PSP1005	400A	busbar support for 15/20/30 mm x 5/10 mm bars	216	34	117

**Threaded copper bars** *(bolts/screws, washers not supplied)*

- Pre-punched and threaded copper bars (ready for use)
- Electrolytic copper Cu-ETP 99.90% (rounded corners)
- Current (A) based on ΔT temperature rise as per DIN 43671 (reference room temperature of 35°C)

type	In (A)	ΔT		screw Ø	hole centers	description	dimensions (mm)		
		30°C	50°C				(H)	(W)	(L)
BRF1000	160A	212A	M5	18 mm	threaded copper busbar	12	4	1met.	
BRF1005	183A	241A	M5	18 mm	threaded copper busbar	12	5	1met.	
BRF1010	218A	289A	M6	25 mm	threaded copper busbar	15	5	1met.	
BRF1015	274A	363A	M6	25 mm	threaded copper busbar	20	5	1met.	
BRF1020	400A	530A	M6	25 mm	threaded copper busbar	32	5	1met.	
BRF1045	573A	756A	M6	25 mm	threaded copper busbar	30	10	1met.	

