

Power distribution blocks UL / IEC

General characteristics

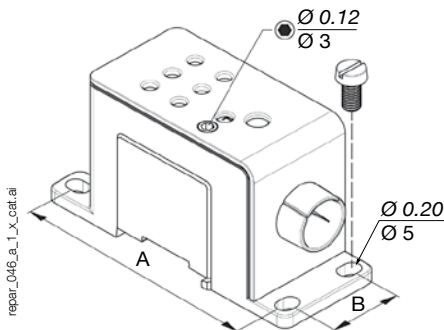


- Material: tin plated aluminum
- Suitable conductors: aluminum or copper.
- IP20 finger-safe protection per IEC 529.
- Adjustable Dial allows for Selection of L1–L2–L3 phase designation.
- Simple and secure DIN rail locking clip allows easy mounting on DIN Rail.
- Panel mounting.
- Included connection clip allows to join multiple poles together.
- Voltage Ratings: 1000 VAC/DC UL

References

Type	Rating (A)				References
	UL		IEC		
	Cable Cu	Cable Al	Cable Cu	Cable Al	
Type 1	85	65	80	63	54UL 1008
Type 2	115	90	125	100	54UL 1012
Type 3	175	135	175	135	54UL 1017
Type 4	255	205	250	200	54UL 1025
Type 5	380	310	415	360	54UL 1040

Dimensions (in/mm)



Type	Units	H x W x D	Mounting	
			A	B
Type 1	in	1.93 x 1.417 x 3.524	3.118	0.914
	mm	49 x 36 x 89.5	79.2	23.2
Type 2	in	1.93 x 1.417 x 3.524	3.118	0.914
	mm	49 x 36 x 89.5	79.2	23.2
Type 3	in	2.09 x 1.417 x 3.898	3.492	0.914
	mm	53 x 36 x 99	88.7	23.2
Type 4	in	2.39 x 2.126 x 4.488	4.063	1.622
	mm	60.7 x 54 x 114	103.7	41.2
Type 5	in	2.39 x 2.126 x 4.488	4.063	1.622
	mm	60.7 x 54 x 114	103.7	41.2

Connections & electrical characteristics

Type	For connection	Number of holes	Solid / stranded wired		Fine wire with sleeve		UL 1953 Voltage Max.		IEC 60947-7-1 Voltage Max.		Short circuit withstanding		
			UL connection	IEC connection	UL connection	IEC connection	AC (V)	DC (V)	AC (V)	DC (V)	I _{cw} (kA)	I _{pk} (kA)	SCCR (kA) ⁽¹⁾
Type 1	Line	1	3 - 14 AWG	2.5 – 25 mm ²	3 - 14 AWG	2.5 – 25 mm ²	1000	1000	1000	1500	3	35	100
	Load	6	8 - 14 AWG	2.5 – 10 mm ²	10 - 14 AWG	2.5 – 6 mm ²					6	36.1	
Type 2	Line	1	1 - 14 AWG	2.5 – 50 mm ²	2 - 14 AWG	2.5 – 35 mm ²					8.4	40.8	
	Load	6	4 - 14 AWG	2.5 – 25 mm ²	6 - 14 AWG	2.5 – 16 mm ²					14.4	47.7	
Type 3	Line	1	2/0 - 14 AWG	2.5 – 70 mm ²	1/0 - 14 AWG	2.5 – 50 mm ²					28.8	57.2	
	Load	4	4 - 14 AWG	2.5 – 25 mm ²	6 - 14 AWG	2.5 – 16 mm ²							
Type 4	Line	1	250 - 2 kcmil	35 – 120 mm ²	4/0 - 2 AWG	35 – 95 mm ²							
	Load	6	2 - 14 AWG	2.5 – 35 mm ²	4 - 14 AWG	2.5 – 25 mm ²							
Type 5	Line	1	500 - 2/0 kcmil	70 – 240 mm ²	400 - 2/0 kcmil	70 – 185 mm ²							
	Load	6	8 - 14 AWG	2.5 – 35 mm ²	4 - 14 AWG	2.5 – 25 mm ²							

(1) UL 100kA pending.