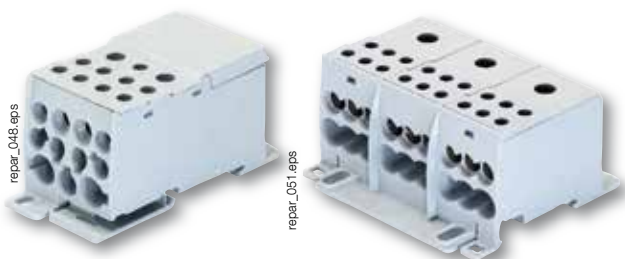


# Power distribution blocks

## Distribution

### Power distribution blocks UR / IEC

#### General characteristics

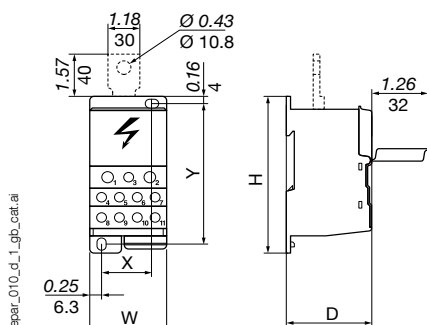


- Material: tin plated aluminum.
- Suitable conductors: aluminum or copper.
- IP20 finger-safe protection per IEC 529.
- DIN Rail mounting.
- Panel mounting.
- Voltage Ratings: 600 VAC/DC

#### References

Type	Nb poles	Rating (A)				References
		UR		IEC		
		Cable Cu	Cable Al	Cable Cu	Cable Al	
Type 1	1 P	115	90	125	100	5411 <b>1012</b>
Type 2	1 P	115	90	125	100	5411 <b>1013</b>
Type 3	1 P	175	135	175	135	5411 <b>1017</b>
Type 4	1 P	255	-	250	200	5411 <b>1025</b>
Type 5	3 P	175	135	175	135	5411 <b>3017</b>
<b>Accessorie</b>						<b>References</b>
Type 4 connection for devices						5410 <b>0025</b>

#### Dimensions (in/mm)



Direct or cable connection distribution blocks, IP20 which can be clipped onto a symmetric DIN rail.

Type	Units	Dimensions H x W x D	Mounting	
			A	B
Type 1	in	2.91 x 1.06 x 1.81	2.44	0.157
	mm	74 x 27 x 46	62	4
Type 2	in	2.80 x 1.77 x 1.69	2.386	0.685
	mm	71 x 45 x 43	60.6	17.4
Type 3	in	2.80 x 1.77 x 1.69	2.386	0.685
	mm	71 x 45 x 43	60.6	17.4
Type 4	in	3.74 x 1.75 x 1.93	3.836	1.165
	mm	95 x 44.5 x 49	86	29.6
Type 5	in	2.8 x 3.15 x 1.93	2.382	2.07
	mm	72 x 80 x 43	60.6	52.5

## Connections & electrical characteristics

Type	For connection	Number of holes	Solid / stranded wired		Fine wire with sleeve		UL 1059 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 <sub>scw</sub> (kA)	I <sub>scp</sub> (kA)												
Type 1	Line	1	2 - 8 AWG	10 - 35 mm <sup>2</sup>	2 - 8 AWG	10 - 35 mm <sup>2</sup>	600	600	1000	1500	4,2	30												
	Line	1	4 - 14 AWG	2,5 - 25 mm <sup>2</sup>	6 - 14 AWG	2,5 - 16 mm <sup>2</sup>																		
	Load	6	4 - 14 AWG	2,5 - 25 mm <sup>2</sup>	6 - 14 AWG	2,5 - 16 mm <sup>2</sup>																		
Type 2	Line	1	2 - 8 AWG	10 - 35 mm <sup>2</sup>	2 - 8 AWG	10 - 35 mm <sup>2</sup>					600	600	1000	1500	4,2	30								
	Load	10	4 - 14 AWG	2,5 - 16 mm <sup>2</sup>	6 - 14 AWG	2,5 - 10 mm <sup>2</sup>																		
Type 3	Line	1	2/0 - 8 AWG	10 - 70 mm <sup>2</sup>	1/0 - 8 AWG	10 - 50 mm <sup>2</sup>									600	600	1000	1500	11	30				
	Load	10	4 - 14 AWG	2,5 - 16 mm <sup>2</sup>	6 - 14 AWG	2,5 - 10 mm <sup>2</sup>																		
Type 4	Line	1	250 - 2 kcmil	35 - 120 mm <sup>2</sup>	4/0 - 2 AWG	35 - 95 mm <sup>2</sup>													600	600	1000	1500	21	51
	Load	2	2 - 14 AWG	2,5 - 35 mm <sup>2</sup>	4 - 14 AWG	2,5 - 25 mm <sup>2</sup>																		
	Load	5	6 - 14 AWG	2,5 - 16 mm <sup>2</sup>	6 - 14 AWG	2,5 - 16 mm <sup>2</sup>																		
	Load	4	8 - 14 AWG	2,5 - 10 mm <sup>2</sup>	8 - 14 AWG	2,5 - 10 mm <sup>2</sup>																		
Type 5	Line	1	2/0 - 8 AWG	10 - 70 mm <sup>2</sup>	1/0 - 8 AWG	10 - 50 mm <sup>2</sup>																	600	600
	Load	6	4 - 14 AWG	2,5 - 16 mm <sup>2</sup>	6 - 14 AWG	2,5 - 10 mm <sup>2</sup>																		