



Solar Power Integration Components Rated up to 1000V CE

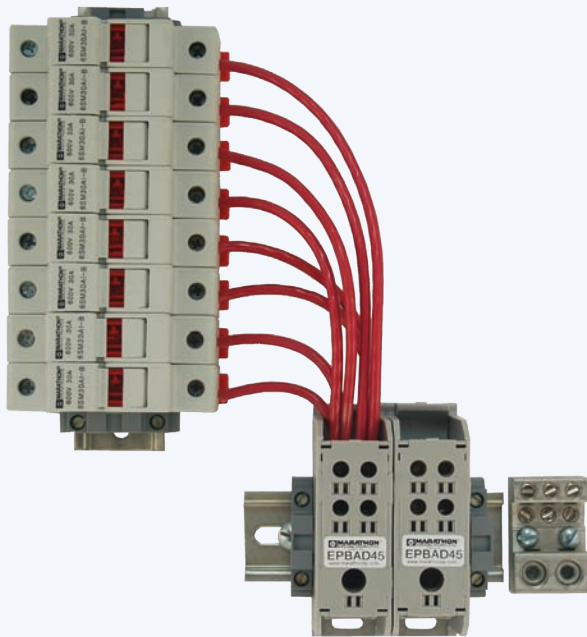
- Enclosed Fuse Holders
- Enclosed Power Blocks
- Grounding Lugs
- Power Distribution Blocks
- Fuse Holders (all major classes)
- Terminal Blocks



Courtesy SolarBOS

COMPONENTS FOR:
Combiner Boxes ~ Recoiners ~ Subcombiners ~ Utility Panels
Distribution/Electric Panels ~ Junction Boxes ~ Inverters

Solar Power Integration Components



Marathon Special Products has been an industry leader in electrical/electronic components designed for circuit protection and connection applications for over 60 years.

Marathon's products, including enclosed fuse holders, enclosed power blocks, grounding lugs, power distribution blocks, fuse holders (all major classes) and terminal blocks, are used in combiner boxes, distribution/electric panels, junction boxes and inverters for solar applications. In addition, we have the expertise to design and manufacture custom products for specific customer applications.

The majority of our products have been tested and approved for use with flexible stranded wire and have short-circuit current ratings (SCCR) and are CE 1000 Volt AC/DC rated. Marathon's short lead times, technical support, and excellent customer service assure you receive a quality product as quickly as possible.



RoHS/REACH Compliant

Made in USA



INVERTERS

FUSE HOLDERS



- Fuse Holders for Fuse Classes H, R, J, T, M, G and CC
- Fuse Holder CE 1,000V rated for Class T and J 100, 200, 400 and 600 Amp fuses

POWER SPLICER BLOCKS



- Wire sizes #2 AWG up to dual 750 kcmil
- Greater than 600V ratings (CE)
- UL rated for flexible stranded wire
- Fingerproof IP-20 protection is available

DOUBLE ROW TERMINAL BLOCKS

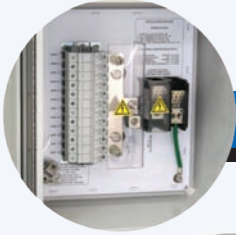


- Open and closed back designs
- Phenolic and thermoplastic material

GROUNDING LUGS



- Three sizes: 350 kcmil - #6 AWG, 2/0-14 AWG, #2-14 AWG
- UL rated for flexible stranded wire



COMBINERS

ENCLOSED FUSE HOLDERS



- Fingerproof IP-20 protection
- Tested and approved for 100,000 RMS Symmetrical Amps Withstand Rating and Short Circuit Current Ratings (SCCR)

ENCLOSED POWER BLOCKS



- Wire sizes #2 AWG up to dual 250 kcmil
- 1000V AC/DC CE rated
- UL rated for flexible stranded wire
- UL Listed/Recognized
- Fingerproof IP-20 protection

FUSE HOLDERS



- Fuse Holders for Fuse Classes H, R, J, T, M, G and CC
- Fuse Holder 1,000V rated for Class T and J 100, 200, 400 and 600 Amp fuses

POWER BLOCKS



- Wire sizes #2 AWG up to dual 750 kcmil
- Greater than 600V CE ratings
- UL rated for flexible stranded wire
- UL Listed/Recognized
- Fingerproof IP-20 protection



PANELS

FUSE HOLDERS



- Fuse Holders for Fuse Classes H, R, J, T, M, G and CC
- Fuse Holder 1,000V rated for Class T and J 100, 200, 400 and 600 Amp fuses

POWER DISTRIBUTION BLOCKS



- Wire sizes #2 AWG up to dual 250 kcmil
- 1000V AC/DC CE rated
- UL rated for flexible stranded wire
- UL Listed/Recognized
- Fingerproof IP-20 protection

DIN RAIL TERMINAL BLOCKS



- Control circuit wiring terminal blocks
- Available in numerous sizes
- Amperage from 20 to 85A

HEAVY DUTY TERMINAL BLOCKS



- Shorting blocks are used for current transformers and switchgear applications

Agency Ratings

UL, CSA Voltage Rating 600 Volt

CE Voltage Ratings

Voltage Ratings per IEC 60947-1 and IEC 60947-7-1

Enclosed Power Blocks				NEMA Power Blocks			
Catalog Description	Voltage Rating (U _i) - AC/DC	Current Range AMP	Special Features/Notes	Catalog Description	Voltage Rating (U _i) - AC/DC	Current Range AMP	Special Features/Notes
LISTED ENCLOSED POWER BLOCKS				132XXXX	1,000	up to 175	
EPBAD21	1,000	up to 115	Din/Panel Mount Din/Panel Mount Din Rail Mount Din Rail Mount	133XXXX	1,000	up to 510	
EPBAD24	1,000	up to 115		135XXXX	1,000	up to 950	
EPBXD42	1,000	up to 175		140XXXX	1,000	up to 310	
EPBXD45	1,000	up to 175		141XXXX	800	up to 115	
				142XXXX	1,000	up to 175	
RECOGNIZED ENCLOSED POWER BLOCKS				143XXXX	1,000	up to 350	
EPBXD74	800	up to 335	Din Rail Mount Panel Mount Din Rail Mount Panel Mount	144XXXX	1,000	up to 420	
EPBXP74	1,000	up to 335		145XXXX	1,000	up to 760	
EPBXD71	800	up to 510		Heavy Duty Terminal Blocks			
EPBXP71	1,000	up to 510					
				Catalog Description	Voltage Rating (U_i) - AC/DC	Current Range AMP	Special Features/Notes
				1100 Series	630	up to 65	
				1200 Series	800	up to 70	
				0987 Series	1,000	up to 50	
				985 Series	630	up to 85	
				1500 Series	1,000	up to 75	>30A ring lug
				1600 Series	1,000	up to 75	>30A ring lug
				1700 Series	1,000	up to 75	>30A ring lug

Voltage Ratings per IEC 60269-1 and IEC 60269-2

Fuse Holders				Fuse Holders			
Catalog Description	Voltage Rating (U _i) - AC/DC	Current Range AMP	Special Features/Notes	Catalog Description	Voltage Rating (U _i) - AC/DC	Current Range AMP	Special Features/Notes
ENCLOSED CLASS M FUSE HOLDERS				NEMA CLASS T FUSE HOLDERS			
6SM30AXB	1,000	up to 30	Marathon certifies 1000 Volt Rating	T30AXB	800	up to 30	Final voltage ratings of these fuse holders depends upon availability and voltage ratings of applicable fuses.
6SM30AXIB	1,000	up to 30		6T30AXXX	800	up to 30	
SEMI-CONDUCTOR FUSE HOLDERS				T60AXX	800	31 ~ 60	
ST14	1,000	up to 100	Fuse holders meet spacing and insulator material require- ments for the listed voltage. Final voltage ratings depend upon ratings of available fuses.	R6T60AXB	800	31 ~ 60	
ST38	1,000	up to 600		T100A1B	1,000	61 ~ 100	
1MS101	1,000	up to 100		T100A3B	800	61 ~ 100	
1MS102	1,000	101 ~ 400		T200A1B	1,000	101 ~ 200	
1MS103	1,000	101 ~ 400		T200A3B	800	101 ~ 200	
1MS104	1,000	401 ~ 600		T400A1B	1,000	201 ~ 400	
				T600A1B	1,000	401 ~ 600	
NEMA CLASS M FUSE HOLDERS				6T100A1B	1,000	61 ~ 100	
6M30AXX	800	up to 30	6T100A3B	800	61 ~ 100		
NEMA CLASS J FUSE HOLDERS				6T200A1B	1,000	101 ~ 200	
6J30AXX	1,000	up to 30	6T200A3B	800	101 ~ 200		
6J60AXB	800	31 ~ 60	6T400A1B	1,000	201 ~ 400		
R6J100AXB	1,000	61 ~ 100	6T600A1B	1,000	401 ~ 600		
6J200AXBFB	1,000	101 ~ 200					
6J400A1BFB	1,000	201 ~ 400					
6J400A3BFB	800	201 ~ 400					
6J600AXBFB	1,000	401 ~ 600					

Notes (applies to two groups)

1. Rated Impulse Withstand Voltage (U_{imp}) - 6,000V
2. Material Group - IIIa except 6M30AX series in Fuse Holders with material group - I
3. Pollution Group - 3



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