Enclosed Power Distribution Blocks

Specifications:

Electrical
- 600 Volts AC/DC+ (IEC - 690 Volts AC/DC)
- Up to 510 Amps
- Wire Range 2/0 to 400 kcmil
- Flexible Stranded Wire Compliant

Mechanical
- Base, Gray Thermoplastic, 125°C (UL RTI)
- Flammability, UL 94 V-0
- Mounting: DIN or panel mount

Standards
- UL Recognized File No. XCFR2.E62806 (UL 1059)
- CSA Certified File No. LR19766 (CSA C22.2 No. 158)
- CE (IEC 60947-7-1)
- IEC 60529, IP-20
- RoHS Compliant

Multiple Wire Ratings

Copper Stranded Wire Only
Load Side Taps Only

#2 opening:	2/0 opening:
(2) #6 AWG	(2) #4 AWG
(2) #8 AWG	(2) #6 AWG
(2 to 4) #10 AWG	(2) #8 AWG
(2 to 4) #12 AWG	(2) #10 AWG
(2 to 4) #14 AWG	(2) #12 AWG
	(2) #14 AWG

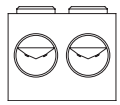
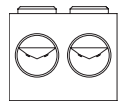
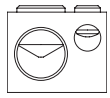
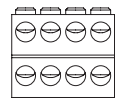
Connector Wire Hole Size

Conductor opening:	Diameter of opening:
#2 - #14 AWG	.38”
2/0 - #14 AWG	.50”
250 kcmil - #6 AWG	.72”
400 kcmil - #6 AWG	.94”

Shown left to right: EPBAD74, EPBAD71

Accessories (consult Cust. Service)
- White Markers to Identify Circuits
- Black Thermoplastic Safety Plugs
- Feeder Spacing Adapter Plate (see p 36)

+ Refer to www.marathonsp.com/PDFs/1000VCERating.pdf for details on availability of CE voltage ratings greater than 600 Volts

Catalog #	Amps	LINE SIDE Wire Range AWG/kcmil	LINE SIDE Openings Per Pole	LINE SIDE Connector Config.	LOAD SIDE Wire Range AWG/kcmil	LOAD SIDE Openings Per Pole	LOAD SIDE Connector Config.	SCCR, RMS SYM Amps 600 Volt Max
EPBXD71	510	250 kcmil - #6 AWG 120 - 16 mm²	2		250 kcmil - #6 AWG 120 - 16 mm²	2		10,000
EPBXP71								50,000 - 100,000
EPBXD74	335	400 kcmil - #6 AWG 185 - 16 mm²	1		#2 - #14 35 - 2.5mm²	8		10,000
EPBXP74		2/0 - #14 AWG 70 -2.5 mm²	1					100,000

Ordering Code:

For electronic drawings or 2D/3D CAD data, send request to drawings@marathonsp.com

EPB	A	D	71
	Connector Material: A - Aluminum rated copper or aluminum wire C - Copper rated copper wire only	D - Mount on 35 mm DIN rail or flat panel P - Flat panel	71 - (2) 250 kcmil to (2) 250 kcmil 74 - (1) 400 kcmil to (1) 2/0 to (8) #2

Note:

1) The ampacities are based on Table 310-16 of the NEC.
2) **For detailed SCCR information with fuses and circuit breakers, please refer to datasheets on www.marathonsp.com**