

- Two hole compression lugs at all power phase connectors attached with stainless steel hardware.
- One (1) drain is standard per bus duct section (typical 4 foot sections).
- Solid copper bus bars (tin, silver plated and/or insulated – optional per customer request).
 - Solid copper ground bar – standard.
 - Incoming main lugs – supplied size and location specified with customer.
 - Space heaters – optional per customer request.
 - Pre-drilled copper bars (when specified by customer).
 - Conduit entries for Myers hubs – optional per customer request.

Applications:

- Spike Electric Controls - Power Connect Bus Ducts NEMA 3R, (Termination Box) Assemblies as standard product. Up to 600V, three-phase, 3 or 4 wire, 400Amp or 2000Amp and 400Amp up to 4000Amp service with short circuit ratings of 25K, 50K, 65K or 100K. The bus is available in a number of ampacities with adequate space for cable bends and cable pulling within the duct.
- Bus ducts or termination boxes provide a means of tapping feeder circuits for power distribution on outdoor switchrack assemblies or indoor wall-mounted applications.
- Typical application is primarily for bus replacements on existing switchrack installations. New applications may include on-site construction of switchracks or indoor feeder distribution points due to space confinements making local installation more practical.


Features:

- UL Listed.
- NEMA 3R enclosure fully gasketed.
- Suitable for use in Class I, Div. 2 applications
- Maximum voltage rating 600V.
- 400Amp or 2000Amp and 400Amp up to 4000Amp @ 25K, 50K, 65K or 100K.
- External flange on bus duct enclosure and lip on covers prevents water leakage.
- 3 degree pitch at top, for water run-off, on all flush mounted bottom entry designs. Chlorosulfonated polyethylene (Hypalon®) gasket
- Standoff (Glastic) insulators molded of (UL) recognized flame-resistant fiberglass-reinforced thermoset polyester molding compound.
- Bus bar sizing and bracing complies to UL857 requirements.
- All welded construction – Painted Steel, sheet aluminum, sheet steel (galvanized), or stainless steel.
- Stainless steel hardware throughout.



Catalog Number System

B 3R S T 16 A 6 K2 3N DR

B		3R		S	T	16		A		6		K2		3N		DR			
		RBG				Length /Ft.		Enclosure Material Sheet Metal		AMP Rating Of Copper Bars		KAIC Short Circuit Rating		Options Covered by DR#					
		NEMA Type 3R				04	4 ft.	A	Aluminum	4	400A	K2	25KAIC	H Space heaters					
Door Type						06	6 ft.	G	Galvanized	6	600A	K5	50KAIC	IS Insulated phase bars					
S	Single-sided (Door on one side)					08	8 ft.	P	Painted Steel	8	800A	K6	65KAIC	SP Silver plated bars					
D	Double-sided (Doors on both sides)					12	12 ft.	A	Aluminum	12	1200A	K10	100KAIC	PD Pre-drilled copper bars					
SCB	Solid Connected Busway (No Doors)					16	16 ft.	S4	Stainless Steel (304)	16	1600A	Choice Of Arrangement 3 Phase or 4 N Neutral G Ground							
						20	20 ft.	S6	Stainless Steel (316)	20	2000A					KO Conduit entries with Myers hubs (Specify on approval drawings)			
						24	24 ft.			25	2500A					PC Coating for Corrosive Environments			
						28	28 ft.			30	3000A					BD Breather & Drain for Drainage.			
						32	32 ft.			40	4000A					SI Stainless steel inserts in bus			
						36	36 ft.			60	6000A					SH Silicon bronze connection hardware			
																I Insulated phase bus bars			
												SS All stainless hardware							