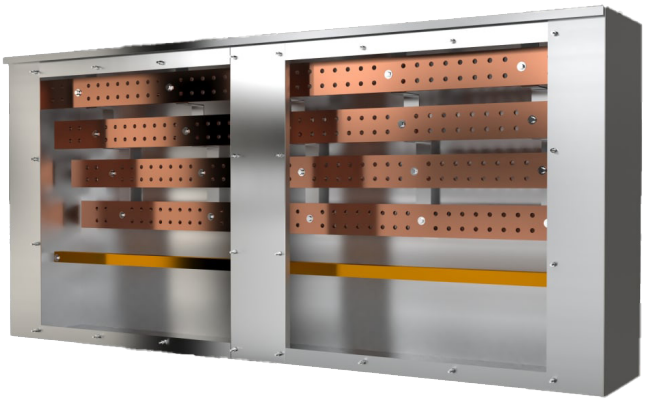
POWER CONNECT
BUSSED GUTTER SOLUTIONS
★★★Made in the USA★★★

SPIKE ELECTRIC CONTROLS



- 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. Chorosulfonated polyethlene (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 — Power Connect Bussed Gutter

3R — RBG: NEMA Type 3R

S — Door Type

S	Single-sided (Door on one side)
D	Double-sided (Doors on both sides)
SCB	Solid Connected Busway (No Doors)

T — DW = Double Width Duct

Mounting Location

T	Top mounting (bottom entries)
B	Bottom mounting (top entries)

16 — Length /Ft.

04	4 ft.
06	6 ft.
08	8 ft.
12	12 ft.
16	16 ft.
20	20 ft.
24	24 ft.
28	28 ft.
32	32 ft.
36	36 ft.

A — Enclosure Material Sheet Metal

A	Aluminum
G	Galvanized
P	Painted Steel
A	Aluminum
S4	Stainless Steel (304)
S6	Stainless Steel (316)

6 — AMP Rating Of Copper Bars

4	400A
6	600A
8	800A
12	1200A
16	1600A
20	2000A
25	2500A
30	3000A
40	4000A
60	6000A

K2 — KAIC Short Circuit Rating

K2	25KAIC
K5	50KAIC
K6	65KAIC
K10	100KAIC

3N — Choice Of Arrangement 3 Phase or 4

N	Neutral
G	Ground

DR — Options Covered by DR#

H	Space heaters
IS	Insulated phase bars
SP	Silver plated bars
PD	Pre-drilled copper bars
KO	Conduit entries with Myers hubs (Specify on approval drawings)
PC	Coating for Corrosive Environments
BD	Breather & Drain for Drainage.
SI	Stainless steel inserts in bus
SH	Silicon bronze connection hardware
I	Insulated phase bus bars
SS	All stainless hardware

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