



RHINO Bus Duct



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Rhino Bust Duct



Applications:

- Spike Electric Controls - Rhino Bus Ducts NEMA 3R, UL Listed Bus Duct (Termination Box) Assemblies as standard product. Up to 600V, three-phase, 3 or 4 wire, 400Amp or 2000 Amp service with short circuit ratings of 25K, 50K, or 65k. 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.
- 400 Amp up to 2000 Amp @ 25K, 50K, or 65k.
- 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.
- 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.





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EXAMPLE PART NUMBER

B 4x S T 16 A 6 K5 3N DR



RBG

NEMA Type 3R
NEMA 4X

DOOR TYPE

S=Single-sided (Door on one side)
D= Double-sided (Doors on both sides)

LENGTH / FEET

02 = 2 feet
04 = 4 feet
06 = 6 feet
08 = 8 feet
12 = 12 feet
16 = 16 feet
20 = 20 feet
24 = 24 feet
28 = 28 feet
32 = 32 feet
36 = 36 feet

AMP RATING OF COPPER BARS

4 = 400A
6 = 600A
8 = 800A
12 = 1200A
16 = 1600A
20 = 2000A

CHOICE OF ARRANGEMENT

3 PHASE OR 4 WIRE
N = Neutral
G = Ground

ENCLOSURE MATERIAL / SHEET METAL

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

KAIC SHORT CIRCUIT RATING

K2 = 25KAIC
K5 = 50KAIC

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
PC = Coating for Corrosive
BD = Breather & Drain for
SI = Stainless steel inserts in bus
SH = Silicon bronze connection
Insulated phase bus bars

DW = DOUBLE WIDTH DUCT

MOUNTING LOCATION

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

