

Section insulator Questionnaire

Company: _____ Date: _____

Address: _____

City: _____ State/ Province: _____

Country: _____ Postal code: _____

Contact: _____ E-mail: _____

Phone: _____ Fax: _____

How many section insulators should we quote? _____ Est. Delivery Date: _____

What is your system current type: AC or DC

- Volts _____ - Amps. _____

Maximum train speed: _____

Number of contact wires: _____

*If more than one wire; list centerline distance between them: _____

Contact wire profile: 2/0 3/0 4/0 300 335 350

ASTM reference: B9/90 B47 B116

Alloy: Copper Copper/Broze 55 Copper/Bronze 80

Mechanical tension per contact wire:

- Variable _____ - Constant _____

Breaking load of the contact wire _____ Safety Factor required _____

Current supply when the train passes the section insulator:

- Continuous _____ - Interrupted _____

Contact pressure of the pantograph:

- Static _____ - Dynamic _____

Distance between pantograph collector strips _____

Length of collector strips _____

Radius of pantograph collector strips _____

Creep distance between pantograph horns _____

Messenger wire:

- Cross section _____ - Material _____ - Construction _____

- Constant tension _____ - Variable tension _____

- Breaking load _____ - Safety Factor _____

Messenger wire insulation:

- Creep distance _____