

# Safe-Lec 2 Overview & Design Features

Here are several specific reasons why Safe-Lec 2 is superior to a traditional (and now outmoded) 8-Bar system. And we should know . . . we invented 8-Bar over 50 years ago!

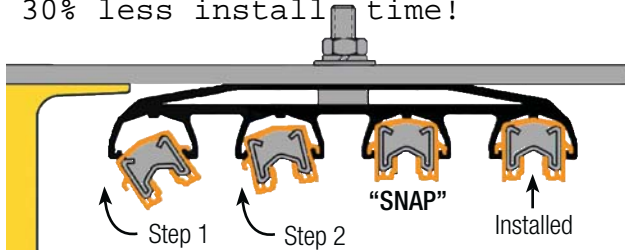
## Safe-Lec 2

## 8-Bar

### Quicker and less costly Installation

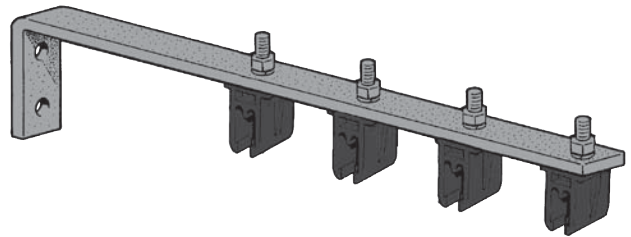
- 14.76 ft (4.50m) bar lengths; fewer joints
- Multiple pole hangers; a “snap” to install

30% less install time!



- Wires connect into lug integrated in the collector arm

- 10 ft (3.05m) bar lengths; more splices required
- Hangers hold only one bar each

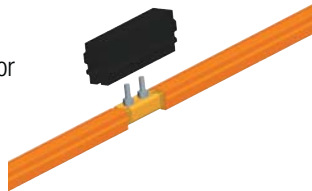


- Wires must be spliced to collector pigtails

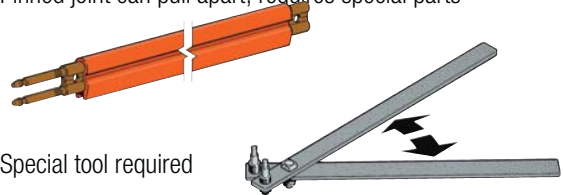
### More secure splice joint

- Bolted joints
- No special tools required
- No need for “joint keepers” or “joint repair kits”, etc

Sections can be replaced easily!



- Pinned joint can pull apart; requires special parts



- Special tool required

### Fewer expansion sections required

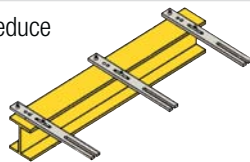
- Safe-Lec 2 can go 492 ft (150m) before an expansion is required

Less expensive systems!

- 8-Bar can only go 300 ft before an expansion section is required (or 200 ft for copper bar)

### Easier system alignment

- Slotted brackets are available to reduce hole alignment problems
- System alignments are easy!



- Brackets have round holes, so alignment must be perfect
- Harder to make system alignment adjustments



Easier to install

### Superior Collector Shoe Tracking

- Shoe is guided by the V-contact in the metal bar
- Collector arm articulates to accommodate mild system misalignments



- Shoe is guided by the plastic cover
- Accurate system alignment is much more critical



Less Maintenance!