



# HALL INDUSTRIES, Inc.

## THIRD RAIL CURRENT COLLECTOR

"The Transit Problem Solvers"

### TR-9076-1200 A

#### GENERAL INFORMATION

Hall Industries will custom design third rail current collectors to meet the specifications of the authority and car builder. When your needs require unique contact shoe collectors, Hall will work with your engineers to develop a custom system that works with your engineers to develop a custom solution.

- Underrunning or overrunning contact shoe
- Coil spring loaded paddle designed to meet contact force specifications
- Cable shunted paddle to eliminate current flow through pivot point
- Bearing/Paddle support integrates height adjustment feature to compensate for wheel wear
- Molded polyester-fiberglass insulation block
- Easy access to fuse
- One-piece unit expedites installation
- Collector is outfitted with single ribbon fuse capable of clearing worst-case fault
- Current will be shunted around a contact shoe pivots with adequately sized cabling.
- Fuse is sized for nominal current and is equipped with a magnetic arc extinguisher
- Performs at speeds up to 100 mph (161 kph) when mounted to under primary suspensions
- All stainless steel hardware
- Current capacity
  - 1,000A continuous @ 750VDC
  - 1,200A intermittent @ 750VDC (30 minutes)



For more information please visit us online at [www.hallindustries.com](http://www.hallindustries.com), call us at 724.752.2000, or email us at [info@hallindustries.com](mailto:info@hallindustries.com)

