

## RAILWAY SURGE PROTECTOR

# DSA | DTA

Railroad Signaling and Track Arrestor

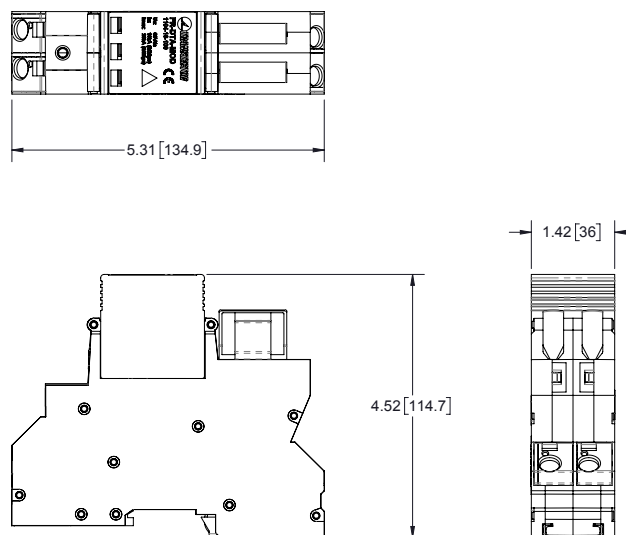
The Dual Signal and Dual Track arrestors by Transtector provide reliable DC Surge protection for the monitoring of track and signal circuits located in bungalows and shelters. The DIN Rail mounted device offers high performance surge protection while significantly reducing labor complexity through continuous operability circuit design.



### FEATURES

- Low voltage protection level effectively protect circuits against surge events
- Base and module are color coded to ensure safety and protect adjacent track and signal circuits
- Cage clamp connection dry contact circuit for high reliability
- Replaceable modules eliminate service rewiring as well as signal interruption
- Installation time reduction of >50% in comparison to standard AAR terminal
- Engineered to meet or exceed AREMA standards for shock, vibration and surge protection

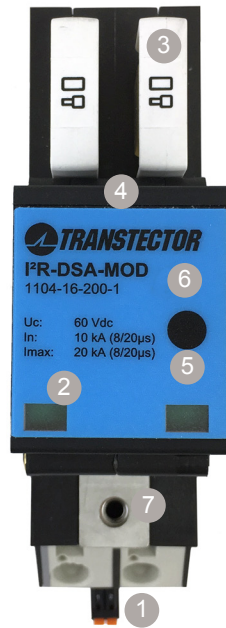
### DRAWINGS



### SPECIFICATIONS

	DSA Dual Signal Arrestor	DTA Dual Track Arrestor
Part Number	1101-1157	1101-1099
Replacement Module	1104-16-200-1	1104-16-100
Application	Signal	Track
Protection Modes	Each Signal Conductor to Ground	Each Track Conductor to Ground + Equalizer
Nominal Operating Voltage	48 Vdc	
MCOV	60 Vdc	
Voltage Protection Level	≤ 375 V (8/20μs Combination Wave 3 kA/ 6 kV)	
Max Series Current Rating	40 A	
Mounting	Copper DIN Rail or External Ground Buss	
Status Indication	Green/Red Visual Remote Contact NC-C Annunciation	
Dimensions	5.31" x 1.42" x 3.81" (135 mm x 36 mm x 110 mm)	
Weight	3.1 lb	
AREMA Vibration	AREMA C&S Manual, Part 11.5.1 Clause D4A, Equipment Class C	
AREMA Shock	AREMA C&S Manual, Part 14.1.2, Clause G7	

## FUNCTIONS



- 1 Cage clamp for wire input and dry contact
- 2 Visual status indication
- 3 Disconnect signal circuit for service testing
- 4 Replacement module
- 5 Symbol on module and base to ensure pairing for safe installation
- 6 Color identifier on base and module for safe installation
- 7 Ground path through copper DIN Rail or dedicated screw connection

For additional information on network quantity discounts or to request a product sample for evaluation contact us at + 1 208 772 8515 or visit [www.transtector.com](http://www.transtector.com).