

Design Considerations

Customer own specifications

EN 50155	Electronic Equipment on Rolling Stock
IEC 77	Rules on Electrical Equipment
EN50121 3-1, 3-2	EMC Specifications for Electrical Equipment on Rolling Stock
BS6853: 1995	Fire Protection Systems for Trains
GM/RT 2120	Group Standard for the Control of risks arising from fires on railway vehicles

Product Description (Modular)

- Compact Design
- Programmable time delay (0, 15 and 30 seconds)
- 12 or 24 volt (built in reverse voltage protection)
- Internal Alarm Buzzer
- Complete System Supervision



Specification

Operating Voltage / Range:	12 VDC and 24 VDC - Range: 11-27 VDC
Current Consumption:	Standby: 30mA @ 12 VDC - 360mW; 30mA @ 24 VDC - 720mW. Alarm: 120mA @ 12 or 24 VDC (2.9 W max)
Current Output:	System initiator circuit: more than 7 amps for less than 300ms duration
Over Current Protection:	Installer supplied 10A slo-blow fuse
Rating of Audible Device:	85 dBa @ 3 feet
Vibration:	Testing to 10G @ 2000 Hz
Weight:	1.1lbs (0.5kg)
Operating Temperature:	-40°F (-40°C) to 150°F (66°C)



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