

Fireproof Crashworthy Memory Module Model TR - P
(Compliance with International railway equipment standard: IEC 62625.1 - 2013)



Features

- A rugged data memory module for protection of data in extreme conditions
- Air connector M12-5PIN
- Proof against 1100°C high temperature fire
- Stored data are fully protected in case of harsh incidents such as fire, explosion, hard crash, water immersion and accessed easily
- Recommended for use in rail transit vehicles, heavy-duty trucks, danger carrier vehicles and wherever you have a high demand for data safety
- As per international railway equipment quality standard: IEC 62625.1 - 2013
- Size: 92 x 80 x 48 mm (3.62 x 3.15 x 1.89 in)
- NWT: 1.30 kg (2.87 lb)

Technical Specifications

Interface	USB 2.0 M12-5PIN air connector
Power	5V±5% <1W
Writing Circulation	PE: 3000 times
Storage Capacity	eMMC (MLC): □ 32G □ 64G □ 128G □ 256G
Fire Resistance	650°C / 30min followed by 300°C / 60min followed by 100°C / 300min
Deep Water Immersion	240 hr 100m underwater
Salt Water Immersion	48rs 15m salt water
Fluid Immersion	48 hr
Penetration Resistance	0.4cm ² pin 23kg/ 1.5m
Static Crush	168kN 5min (3 axes)
Impact Shock	55 G (all axes) for 100ms
Antiknock Quality	0.5ms 1008kPa (1kg TNT/ 1m)
Alternative Electric Field	64KA 10MA/S 1m
Temperature Range	-40 ~ 75°C (operation) -40 ~ 85°C (storage)
Standard	IEC 62625.1 - 2013