

THE POWER OF

REDARC

BMIS

BATTERY MASTER ISOLATION SWITCH



The REDARC BMIS is commonly used for trailers hauling dangerous goods, such as fuel tankers, that have a high risk of fire in an accident.

PART #	DESCRIPTION
BMIS4PPV2KIT	POSITIVE, POSITIVE ISOLATION
BMIS4PNV2KIT	POSITIVE, NEGATIVE ISOLATION

With the recent release of the new Dangerous Goods standard AS2809:2020, REDARC's new generation of BMIS (V2) fulfilling the requirements for a Master Isolation Switch under that standard.

Suitable for 12V & 24V vehicles, the BMIS is designed to safely isolate the vehicle batteries and ensure reliable performance when the vehicle is operating.

The REDARC BMIS meets and exceeds the requirements of large diesel engines in 12V & 24V systems and features a rated dual redundancy system, designed to ISO26262, to avoid false triggering.



The BMIS has a current rating of 400A continuous current with a 3500A cranking capacity, which makes it unique.



KEY FEATURES

- **2 MODELS 4PN & 4PP:**
 - 4PN** Positive, Negative Isolation
 - 4PP** Positive, Positive Isolation
- Durable, UV resistant housing
- Rated IP66 & IP67, resistant to rocks and water
- Dual redundancy feature to avoid false triggering
- Continuous self-checking function
- Inbuilt lockout capability
- Easy to install from new or as a retrofit
- Compatible with existing roll-over sensors
- In-built diagnosis for external looms and remote actuating devices
- Reviewed by independent safety experts
- Meets requirements of new AS2809:2020 standard