



## Approved Relay Isolation Barrier for Continuous Miner Applications

### General Information

This unit has been provided to give a galvanic isolation of 3.3kV. It is capable of interfacing electrical I.S trip circuitry into the main pilot circuit of mobile machinery or any other pilot interface. The unit is fully potted and easily retrofitted into existing enclosures. The ARST1 is the smallest pilot relay available, allowing it to be fitted into the most crowded control enclosure. The unit is DIN rail mounted for ease of installation.



*BARRIER, RELAY ISOLATION  
Type ARST1  
Part Number: BARR015*

The ARST1 may also be used to interface I.S. trip circuitry directly to circuit breakers operating up to voltages of 3.3kV.

### Dimensions

Height 123mm x width 80mm x length 180mm

### Approvals

MDA Exia 10194  
MDA Ex(ia) 10194

### Certification

Certificate number AUS Ex 3690X  
Exia I/IIC T4 Ex(ia) I/IIC

### Parameters

U <sub>i</sub>	26.5V	U <sub>m</sub>	3.3kv	Operating Characteristics	
I <sub>i</sub>	2.37A	I <sub>m</sub>	10 amp	U <sub>min</sub>	7.0V
C <sub>i</sub>	0	P <sub>m</sub>	500VA	I <sub>max</sub>	16mA
L <sub>i</sub>	0				

