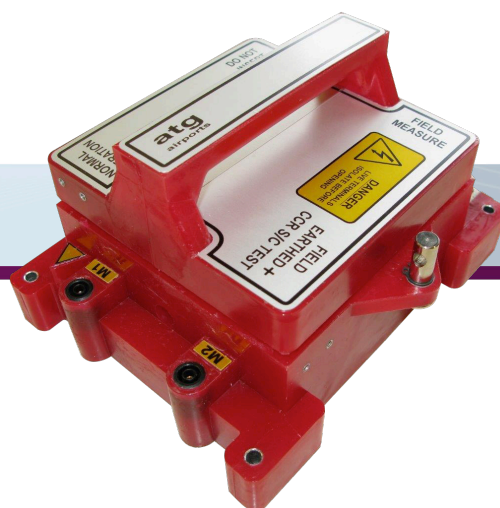


# Series Circuit Cut-Out Switch



## Features

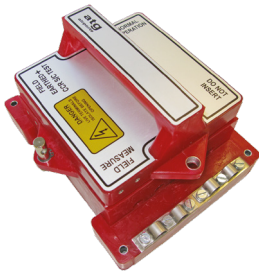
- ▶ Series cable clamps facilitate screened cable to be earthed easily if required
- ▶ Facility for reed switches to be fitted to give switch position back indication
- ▶ A safety lock facility is available when in the 'Field Earthed' position
- ▶ Allows easy and safe access for testing of field circuits
- ▶ Designed to be retrofitted into cable termination panel
- ▶ Unit can be installed inside constant current regulators
- ▶ Designed to allow current monitoring facility to be mounted on rear of unit
- ▶ In-built functionality for use in CCR change-over cubicles

## Application

Enables the airfield ground lighting field series circuit to be safely disconnected, isolated and earthed by the simple rotation of the connector lid without exposing the user to high voltages.

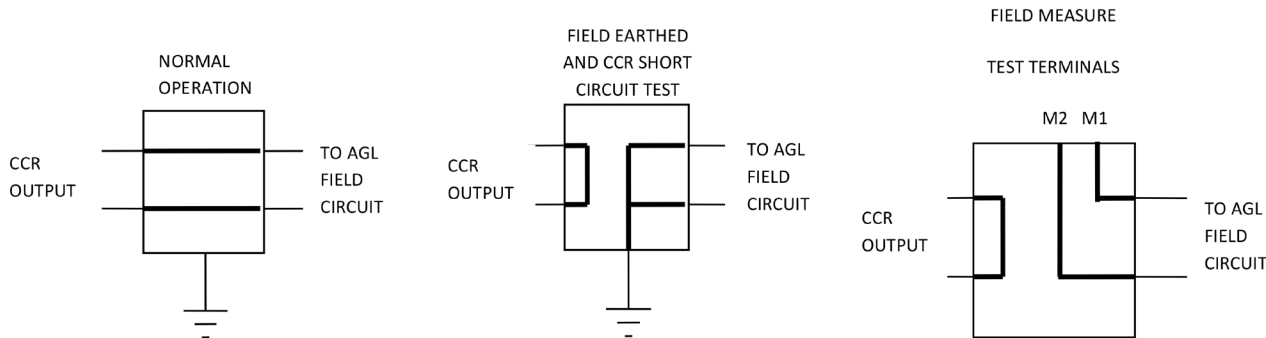
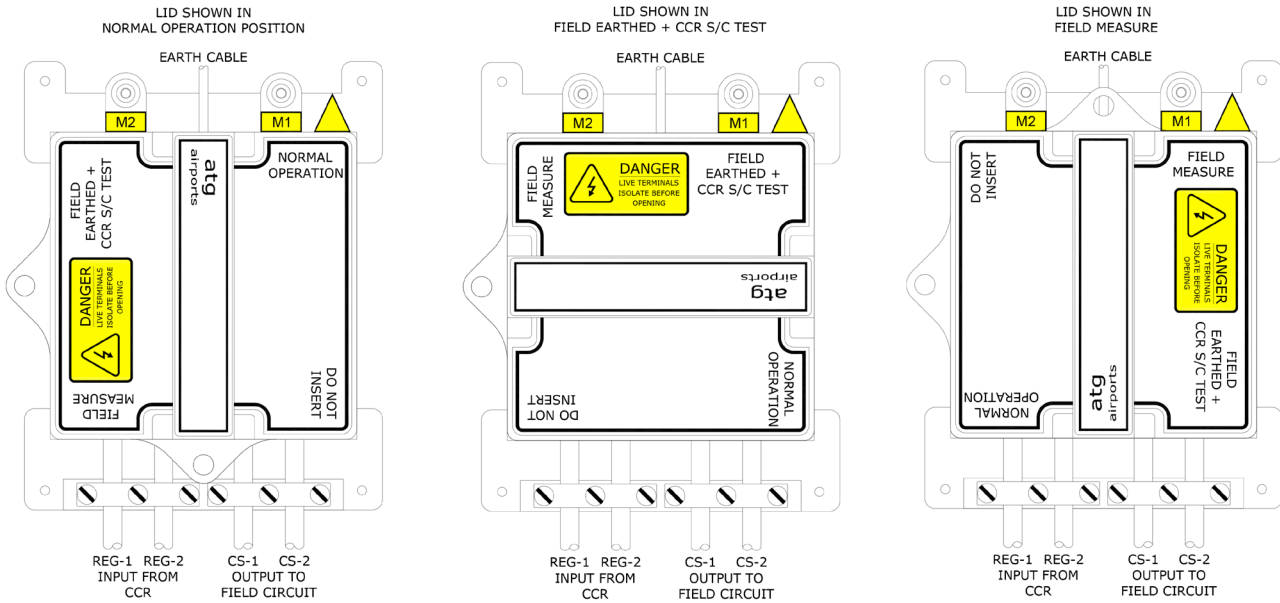
## Compliance with standards

- IEC 61822:2009
- AENA DIN/DSEYN/PPT/002-05/13



# Series Circuit Cut-Out Switch

Enables the airfield ground lighting field series circuit to be safely disconnected, isolated and earthed by the simple rotation of the connector lid without exposing the user to high voltages.



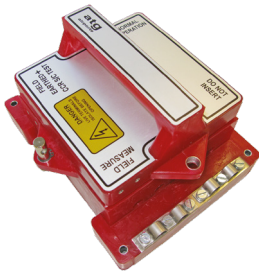
## The Cutout Switch has three operating positions:

1. In the 'Normal Operation' position, the output of the CCR is connected directly to the series circuit.
2. In the 'Field Earthed and CCR Short Circuit Test' position, the output of the CCR is shorted together, isolated from the AGL field circuit, and the field circuit is shorted and connected to earth. This enables commissioning of control system and CCR's without applying power to the series circuit.
3. In the 'Field Measure' position, the output of the CCR is shorted together. Access for instrument connection to both of the load side terminals is provided via 4mm test sockets M1 and M2. This allows for Megger testing and continuity testing of the field circuit.

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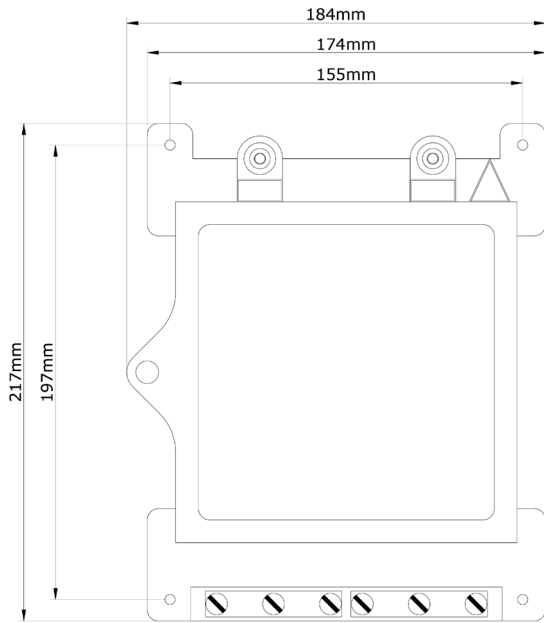
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MKV Series Circuit Cut-Out Switch



# Series Circuit Cut-Out Switch

Enables the airfield ground lighting field series circuit to be safely disconnected, isolated and earthed by the simple rotation of the connector lid without exposing the user to high voltages.



## Mounting the Cutout Switch

The Cutout Switch must be mounted in a suitable cubicle, either within the CCR or in its own enclosure. There are four fixing holes (one in each corner), which have an M6 threaded insert to take the fixing bolt

## Dimensions

L: 217mm x W: 184mm x H: 125mm

Weight: 2.93 kg

## Product Ratings

Voltage rating:	5kV AC
Current rating:	12A
Dielectric strength:	Meets requirements of IEC 61822
Maximum cable CSA:	10mm <sup>2</sup>
Maximum cable insulation diameter for entry point to HT terminals:	12mm
Maximum Megger test voltage ('Field Measure' position)	10kV DC
Temperature range:	-40°C to 55°C



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MKV Series Circuit Cut-Out Switch