

## AddSecure IRIS-4 DC combiner board



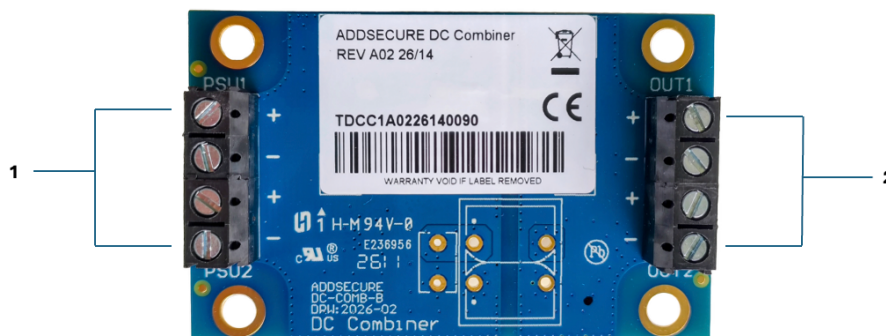
### Power redundancy you can trust – Designed for EN54-21 compliance

In critical fire alarm transmission systems, reliability is not optional—it’s mandatory. Within the framework of **EN54-21 regulations**, ensuring continuous alarm transmission under all conditions is essential. That’s where the DC Combiner board delivers unmatched value.

Engineered to support **dual independent power supplies**, the DC Combiner seamlessly merges two DC sources into a single, stable output—without interference between them. This intelligent “OR-ing” functionality guarantees uninterrupted power to your alarm transmission equipment, even in the event of a primary power failure.

By enabling true power redundancy, the DC Combiner plays a vital role in helping systems meet the stringent availability and fault tolerance requirements defined by EN54-21.

### Configuration



1. PSU1 and PSU2: Power inputs for 2 independent separate power supplies
2. OUT1 and OUT2: Power outputs. Internally parallel connected

**Kit contents**

- DC combiner board
- 4 self adhesive PCB nylon standoffs
- 4 locking PCB nylon standoffs (Use by instal in IRIS-4 ENC2 enclosure)
- 2 wires, red and black
- 2 adhesive black foam pads

<b>Technical specifications</b>	
<b>Voltage range</b>	5 – 40VDC
<b>Maximum current</b>	1A each path
<b>Temperature range</b>	-10°C to 55°C
<b>Humidity range</b>	95% max, non-condensing
<b>Dimensions</b>	6.5cm x 4.1cm
<b>Conformance</b>	2014/53/EU (Radio Equipment Directive)
	2012/19/EU (WEEE2)
	2015/863/EU (RoHS 3)
	No 1907/2006 (REACH)