



**Thomson
Automation**

Gas & Glow Power Switch

Connection for back-up battery
Low-power switching control
Battery indicators
Includes pull-pin switch



User's Guide

Introduction

The Thomson Automation Dual Power E-Switch solves the problem of switching 2 batteries on and off and provides backed-up power for your important airplanes. Power is turned on by extracting a pin from a special switch. Accidentally turning off the power is not possible once the pin is pulled out. To turn the power off, the pin must be inserted back into the switch. A "REMOVE BEFORE FLIGHT" flag is included and is attached to the pin. Two on-board LEDs show if batteries are connected and power is turned on. Charge ports are provided on the board and can be extended with patch cables. The Gas & Glow Power Switch is intended for use with 5-cell NiCd or NiMh systems or 2-cell LiPo systems.

Included:

1. Dual Power E-Switch module
2. Extractor-pin Switch suitable for through-hole mounting on a fuselage or other surface
3. Extractor pin with "REMOVE BEFORE FLIGHT" flag

Specifications

Name	Dual Power E-Switch
Part nr.	1074
Weight with switch	19 gm
Size	Width: 46 mm, Length 33 mm, Height 10 mm
Peak current capability	25A
Continuous current capability	5A
Peak current duration	5 sec
Peak current duty cycle	Dependent on air flow
Maximum operating voltage	10 Volts
Minimum operating voltage	4.5 Volts
Mounting hole size	5 mm
Maximum mounting panel thickness	2 mm

Check for the latest version of this manual at: <http://www.thomson-automation.com>

Connection Diagram

