

Smoke Alarm Smart Switch (SASS) INSTRUCTION MANUAL

**2LINK
INNOVATIONS**

Smoke Alarm Smart Switch

This product complies with Australian Standard AS/NZS 3100

DESCRIPTION

The 2linkinnovations **Smoke Alarm Smart Switch** is designed to help protect both people and property from damage in the case of a fire. It works by monitoring the hard wired or wireless smoke alarm activity via the interconnection terminal or wireless signal output on the smoke alarm and switching off the selected power circuit breaker within the switchboard if the smoke alarm triggers.

- SASS must be linked up to approved MCB via physically linking the drive arm, as per Fig.2 (page 3).
- Active (A) and neutral (N) must be wired with the correct polarity.
- In 2-3 phase installations the same phase must be used on the SASS as the hard wired smoke alarms.
- A minimum cable size of 1mm must be used for the interconnect
- A maximum of 15 hard wired or wireless smoke alarms may be connected to the SASS.

IMPORTANT WARNINGS

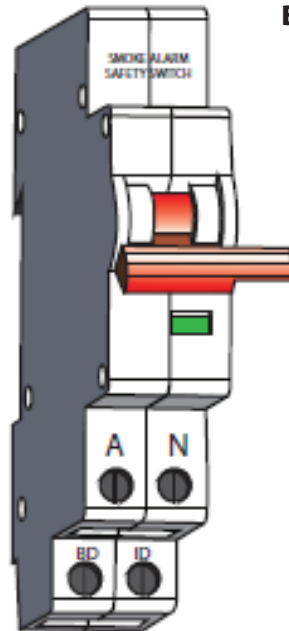
When installing and operating the Smoke Alarm Smart Switch, the following must be observed and complied with:

- The unit must be properly installed by a licenced electrician and in accordance with the detailed instructions in this manual.
- The unit must be tested and reset on a 12 monthly basis.
- The unit must never exceed 4 test and rest operations per minute.
- The protection device must not be tampered with or repaired by anyone other than the manufacturer.
- The unit must not have LINE conductors connected to the DC input terminals.
- The product should not be seen as a replacement for safe electrical practices.

Smoke Alarm™
Smart Switch



**MUST BE
INSTALLED
BY A LICENSED
ELECTRICIAN**



INSTALLATION INSTRUCTIONS

WARNING:

DO NOT connect incoming supply cables to the DC input terminals as this will result in damage to the SASS.

To the Electrician:

One of the recommended Miniature Circuit Breakers to suit the Smoke Alarm Smart Switch is a single pole 63A 6KA MCB, part number PLS6-C63/ 1-AU.*

Alternatively a triple pole 63A 6KA MCB, part number PLS6-C63/3-AU, may be fitted for 3 phase supplies. *

Or any MCB which fits the Smoke Alarm Smart Switch arm mechanism.

Either of these circuit breakers can be obtained from your local Electrical Wholesaler or by contacting 2linkinnovations

*may be dependant of electrical supplier

Figure 1: Wiring Diagram

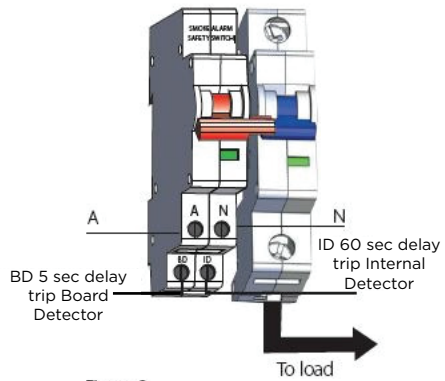
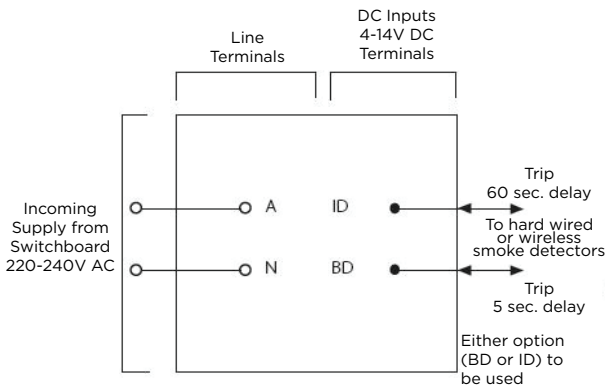


Figure 2

Figure 3 Mounting Guide



1. Locate small clear plastic bag that contains three plastic location pins and one metal joining actuator rod.
2. Take the three small plastic location pins and place them into the designated holes in the side of the switch as per the pictorial Figure 3 into positions 1, 2 & 3.
3. Take the small metal joining actuator rod and insert into the designated slot in the side of the switch as per figure 3 into position Z.

TECHINCAL SPECIFICATIONS

Nominal Operating Voltage	220-240VAC
Nominal Operating Frequency	50Hz
Max. No. Smoke Detectors	15
Circuit Projection Required	Inc 3kA circuit protection by MCB or HRD fuse, 20A max.*
Operating Temperature Range	-10 to 40°C
Operating Humidity Range	10 to 90% RH
Mounting Centres	DIN Rail
Complaint Standard	AS/NZS 3100 IEC 60335-1:2010
EMC Emission Compliance	IEC 60335-1:2011 E N 6 1 0 0 0 - 3 - 2 : 2 0 0 6 + A 1 : 2 0 0 9 + A 2 : 2 0 0 9 EN61000-3-3:2008 EN 61000-6-1:2007
Specifications typical @ 25°C ± 5°C	
No user serviceable parts inside	