

Expansion Cards

8 Way Extender Board



Features

- ❑ 8 volt free changeover relay contacts (1Amp 30V DC)
- ❑ Relay operated indications
- ❑ Remote connection to panel via RS485 serial bus
- ❑ Common footprint to other Syncro I/O board types
- ❑ All outputs programmable for cause and effects
- ❑ Can be used with other Syncro I/O modules on the same panel
- ❑ Compatible with Syncro AS & Taktis panels

Product Overview

- ❑ To further enhance the versatility of the Syncro and Taktis fire alarm system, additional relay output capability can be added using Relay Boards.
- ❑ These boards have 8 voltage free changeover relay contacts, each of which can be individually programmed.
- ❑ Up to 32 of these boards can be connected to the dedicated RS485 communications bus in the control panel giving the capability of up to 256 additional relay outputs.
- ❑ The relay boards may be mixed on the RS485 bus with 16 channel I/O boards, 6 way sounder boards or 4 way conventional detection zone boards to provide a very flexible system of I/O to satisfy any requirement.
- ❑ All outputs are configurable in the same way as devices connected to the loops and all may be acted upon by cause and effect logic.
- ❑ These boards are typically used in applications which require more than the four standard relay outputs such as signalling to other systems or plant control.
- ❑ Standard Syncro control panels contain fixings for one sounder, relay, conventional detection or I/O board, which can easily be connected using four small signal wires to the power and comms bus within the panel.
- ❑ Consideration must be taken as to the loading on the main panel.

Technical

Product code	- K547
Supply voltage range	- 21 to 30 volts DC
Quiescent current consumption	- 10mA
Weight	- 1kg
Operating current (all outputs on)	- 250mA
Output contact rating	- 30V DC 1 Amp
Communications	- RS485 two wire
Max. distance from panel	- 1.2Km (using RS485 data cable)
PCB size	- 190mm x 61mm
Fixing centres	- 51.5mm x 180mm
Cable capacity	- 2.5mm per terminal
Operating temperature	- -5°C to +50°C
Operating humidity	- To 95% (non condensing)

