DECKMA GmbH
Decksmaschinen und Automation Vertriebs GmbH
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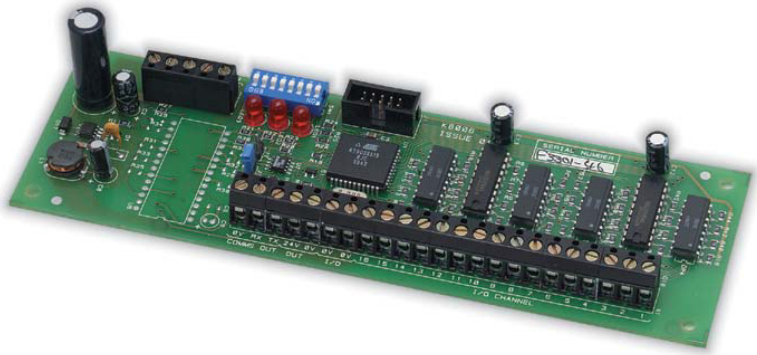
16 Channel Input/ Output unit — Syncro IO



Product Overview

- To add more I/O capability to the extensive options already offered by the Syncro control panel, up to thirty two, sixteen channel I/O boards may be connected.
- The 16 channel boards may be mixed on the RS485 bus with 8 way sounder 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.
- When using a simple two wire RS485 communications protocol, these boards may be mounted locally to the control panel or distributed on a bus up to 1200 metres long by using a suitable cable.
- The flexibility of these boards is further enhanced by the fact that each of the channels is configurable as either an input or and output.
- Each channel may also be configured to produce a variety of input actions or respond to a variety of output types.
- All channels can contribute to, or respond to, system wide cause and effects logic.
- Typical uses for I/O boards include geographical LED mimic displays and plant alarm inputs.
- 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.

Features

- 16 channels
- Each channel configurable as input or output
- Inputs opto-isolated
- Outputs open collector transistor
- Simple 2 wire connection to control panel
- Up to 32 boards supported per panel
- (512 Input/Output Channels)
- Inputs and outputs configurable as per
- field devices
- Full cause and effects on all inputs and outputs
- Multi drop RS485 communications
- Can be used with other Syncro I/O modules on the same panel
- Compatible with Syncro AS panels

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Technical Data

- Product code: -K560
- Supply voltage: -21 - 30V DC
- Quiescent current consumption: -20mA
- Weight: -1kg
- Current per input: -3mA (maximum)
- Current per output: -100mA (maximum)
- Communications: - RS485 two wire
- Maximum distance from panel: -1.2Km (using correct type of cable)
- PCB size: -190mm x 61mm
- Cable capacity: -2.5mm per terminal
- Operating temperature: -From-10℃ to +50℃
- Operating humidity: - To 95% (non condensing)