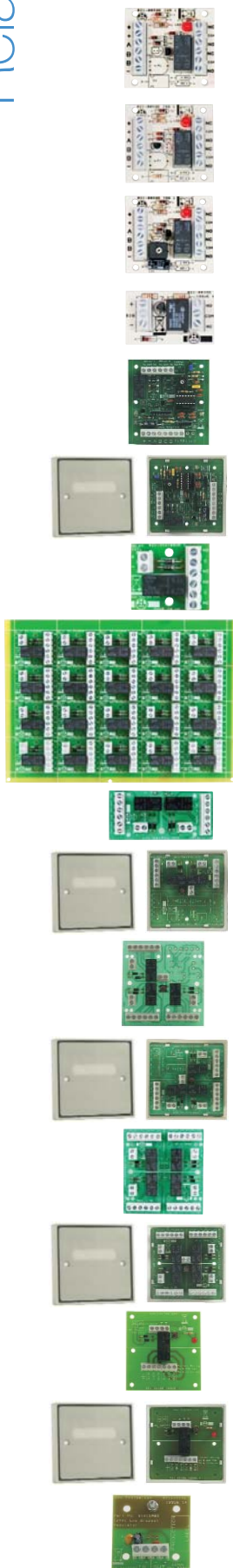




# Relays



Code	Description	RRP
<b>Relays</b>		
S312N	A transistor driven DPCO relay module. Accepts a variety of input conditions, DC voltage, CC, OC, logic etc. Requires a supply of 12 or 24vdc depending on version. Contacts rated at 1A.	£14.94
S312N/24	ac versions available on request.	£17.94
S312P	As S312N / S312P-24 but inverse operation.	£14.63
S312P/24	ac versions available on request.	£17.55
S312T	As S312N / S312P-24 but can be used as a short duration timer (0-30 sec).	£16.25
S312T/24	ac versions available on request.	£19.46
S320	A transistor driven SPCO relay module. Requires a supply of 12 or 24vdc depending on version. Contacts rated at 1A.	£9.26
S320/24		£11.10
S351	A microprocessor controlled timer relay. Accepts a whole range of start functions as well as A-stabling. Features two timing ranges, 0-60 sec and 0-60 min. Requires a supply of 12 or 24vdc depending on version.	£37.67
S351/24		£45.20
S351-B	Supplied in a plastic single gang sized enclosure	£48.08
S342-1	A 12vdc DPCO relay mounted on a PCB with screw terminals and holes for mounting on nylon pillars. Contacts rated at 1A. 24vdc version available on request.	£9.89
S342-20	A panel of 20 x S342-1 modules. Snap individual relays off the panel as required. Ideal for van stock.	£166.46
S342-2	Two independent 12vdc DPCO relays mounted on a PCB with screw terminals and holes for mounting on nylon pillars. Contacts rated at 1A. 24vdc version available on request.	£17.69
S342-2B	Two independent 12vdc DPCO relays mounted on a PCB with screw terminals. Supplied in a plastic single gang sized enclosure complete with tamper switch. Contacts rated at 1A. 24vdc version available on request.	£28.10
S342-3	Three independent 12vdc DPCO relays mounted on a PCB with screw terminals and holes for mounting on nylon pillars. Contacts rated at 1A. 24vdc version available on request.	£25.49
S342-3B	Three independent 12vdc DPCO relays mounted on a PCB with screw terminals. Supplied in a plastic single gang sized enclosure complete with tamper switch. Contacts rated at 1A. 24vdc version available on request.	£35.90
S342-4	Four independent 12vdc DPCO relays mounted on a PCB with screw terminals and holes for mounting on nylon pillars. Contacts rated at 1A. 24vdc version available on request.	£33.29
S342-4B	Four independent 12vdc DPCO relays mounted on a PCB with screw terminals. Supplied in a plastic single gang sized enclosure complete with tamper switch. Contacts rated at 1A. 24vdc version available on request.	£43.70
S361	A 12vdc DPCO relay mounted on a PCB with screw terminals and holes for mounting on nylon pillars. Contacts rated at 5A. 24vdc version available on request.	£18.69
S361-MB	A 12vdc DPCO relay with 5A 250vac mains rated contacts. Supplied in a plastic single gang sized enclosure complete with tamper switch. 24vdc version available on request.	£29.25
S1812REG	A 12vdc Low Drop Out Regulator module which will stabilise a PSU output of between 12.5 and 18vdc providing 12vdc at up to 500mA.	£21.95

## Design Services

- Cell Call & Affray Systems
- Indicator Panels
- Set / Unset Systems
- Complex door interlocking
- Door Status Systems
- Doctor Call (Surgery)
- Knock-Wait-Enter
- PIC Controller Systems
- Buttons on plates

Hoyles are the UK's leading supplier of custom designed control and indication equipment. We are confident we can meet the requirements of your most demanding clients. Such as Police, Courts, Military Installations, Financial Services, Aerospace, Hospitals, Industrial Sites etc... Working with yourselves and your clients our team will design a system that meets exact requirements in terms of both functionality and appearance. It is often a requirement that equipment must blend with the surroundings and be unobtrusive, we have a range of enclosure options to meet these requirements. For other examples see our website [www.hoyles.com](http://www.hoyles.com). Projects are undertaken for both UK and overseas clients all designed and manufactured in the UK in an ISO9001 environment.

## Examples



### Detention Cell Door Lock Controller

Designed for a military installation, this rack mount system provides at-a-glance status indication of cell door locks as well as the ability to control each individual lock. An emergency lock down facility ensures all cell doors are locked at the press of one button.



### Deluge Control Panel

The control panel opposite was designed for Cooper Menvier, one of the UK's leading fire alarm installation companies. Standard off-the-shelf equipment did not exist that would give the necessary range of functionality required by the client.

Under certain conditions it had to be possible to rapidly deluge an area to quickly arrest the spread of fire. For both operational and safety reasons the process could not be entirely automatic. Because of the high value and mission critical nature of the site, a power station, any false activations had to be avoided at all costs.

A graphical mimic diagram was chosen to augment decision making in the event of a fire. Fire indication is given instantly and unambiguously by led's on the facia and by audible warnings. This indication is controlled by the Menvier fire alarm system

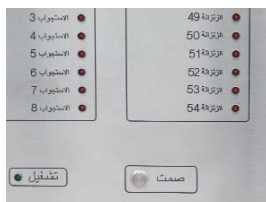
The final decision to deluge is taken by the operator but the manual control is locked out to prevent accidental or malicious operation. A Hoyles Multiguard control board with modified software was used to control the deluge lockout.

The facia is five colour reverse screen printed under perspex mounted on a wall mounted 1000 x 800mm equipment case sealed to IP65. In addition to deluge control buttons a lamp test facility is included.



### Multiple Door Lock Controller

This 11 door lock controller was custom designed for a major security company to meet the requirements of one of their high profile financial sector customers. The controller enables the operator to select one of three preset door status scenarios, preview the function of the selected scenario on the mimic display and then initiate the scenario via the integrated security keypad. The controller is also integrated with access control systems at the site.



### Language Options

We can supply equipment in any language. Simply supply us with the text you require and we will do the rest. See an Arabic example opposite.

### Contact our design team

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