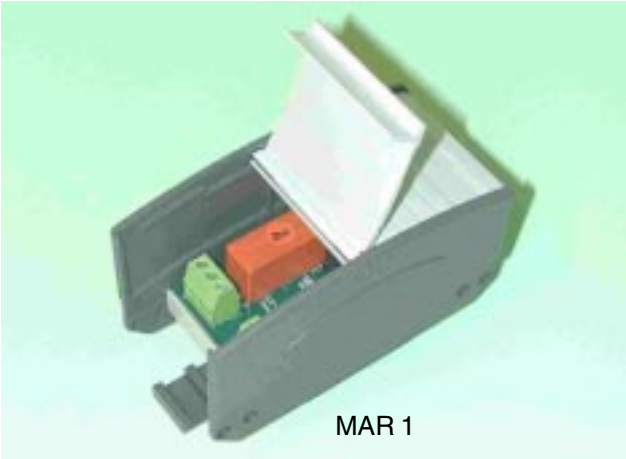
ADJUSTABLE RELAY + 0-10 Vdc OUTPUT MODULE

MAR 1

JUN.01



MAR 1

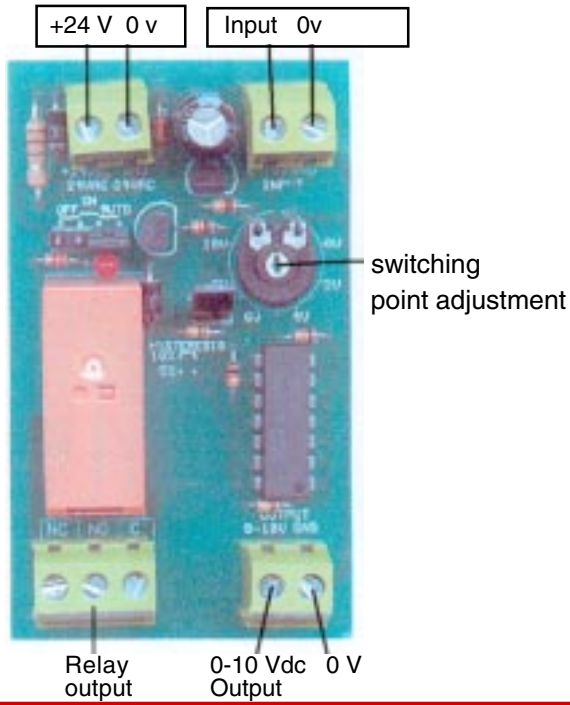
FEATURES

- 0-10 Vdc input
- 8A relay + 0-10 Vdc output
- 24 Vac/dc powered
- ON/OFF/AUTO linkable
- LED status indication
- 5% or 10% hysteresis selectable
- DIN rail mounting
- Rising cage terminals
- Saves a controller output

TECHNICAL DATA

Input signal:	0-10 Vdc, 1mA minimum
Output signal:	SPCO relay 10A @ 240 Vac resistive and 0-10 Vdc 15mA approx.
Switching range:	0.1 to 10 Vdc
Switching hysteresis:	5% or 10% link selectable
Power supply:	21-28 Vac or 20-28 Vdc
Consumption:	50 mA approx.
Manual override:	ON/OFF/AUTO linkable
LED status indication:	ON when relay energised
Electrical:	screw terminals for 0.5-2.5mm² cable
connections:	rising cage
Ambient range:	-10...+50º C
Dimensions:	104mm x 54mm x 70mm
Weight:	150 g
EMC:	EN-50081-1 Emmission
	EN-50082-1 Immunity

CONNECTIONS



APPLICATION

The MAR 1 accepts a 0-10 Vdc signal and provides a relay output with the switching threshold adjustable by means of a rotary potentiometer on the module.

For convenience terminals are also provided for the 0-10 Vdc signal which can be used to modulate the controlled plant once it has been enabled by the relay.

Additional features include Hand/Off/Auto jumper for manual override, LED status indication, and adjustable hysteresis.

The MAR 1 is ideal for any application where the switching of plant is interlocked with modulation of the same, or a different item of plant.

Using the MAR 1 saves an output on the DDC controller.

To enable the MAR 1 to be used in a wide range of applications the switching hysteresis can be changed from 10% of range to 5% by removing a jumper on the PCB.

ORDERING CODE

MAR 1	Adjustable relay + 0-10 Vdc output module