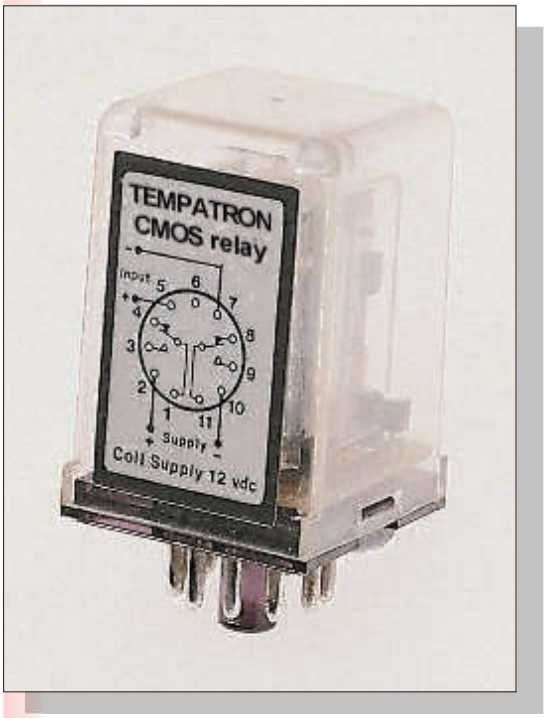
HIGH SENSITIVITY RELAYS

HIGH SENSITIVITY CMOS RELAYS



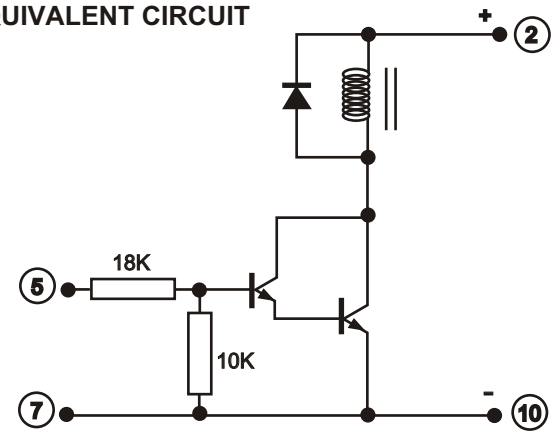
- High sensitivity input circuit
- 2 pole changeover relay output
- Ideal for use with CMOS devices
- Available with 12V or 24V relays

A darlington pair in the input circuitry gives these relays very sensitive input switching, making them ideal for use with CMOS devices. They have a wide input voltage range & very low current requirement.

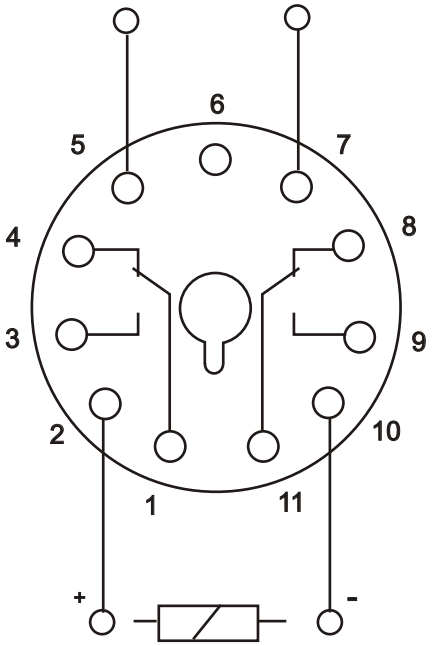
SPECIFICATION

Output :	2 pole changeover relay
Contact rating :	10 Amps @ 240Vac or 20Vdc
Contact material :	Ag
Input current :	125µA @ 3.5V
	240µA @ 5V
	800µA @ 15V
	1.75mA @ 50V
Coil voltage :	9-15Vdc (12V), 18-30Vdc (24V)
Max coil current :	75mA (12V), 37mA (24V)
Max input voltage :	50Vdc
Min input voltage :	3.5Vdc
Operating temp :	0 to 50ºC

EQUIVALENT CIRCUIT

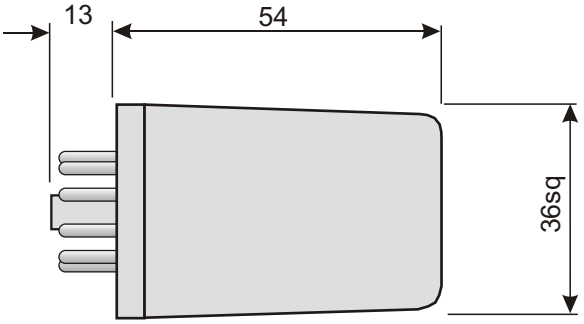


WIRING DIAGRAM



COIL SUPPLY 12 or 24Vdc
PINS VIEWED FROM BOTTOM

DIMENSIONS



STANDARD ITEMS

Relay voltage	Part Number
12Vdc	HSR-12VDC
24Vdc	HSR-24VDC
Panel mounting socket	AZ511
DIN rail mounting socket	AZ611

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