

10 INPUT, TWIN OUTPUT, MUTABLE & REPEATABLE ALARM MODULE

TYPES: YWA10

FEATURES

- Din rail mounted
- 10 input ways
- Twin outputs
- Mutable & repeatable
- High performance
- Compact size

DESCRIPTION & MODE OF OPERATION

Often in the design of a control system the requirement to provide a "common" alarm signal to say drive an audible alarm or signal a BMS system is required. However, it is sometimes required that after an alarm input signal is received the output relay is cancelled, thus say silencing an audible even if the alarm input is still present, but also with an alarm contact still to remain to give silent indication. The YWA10 achieves this function.

The YWA10 is only available in 24VACDC input voltage. In all cases the input signals must be derived from the same source, with AC versions also derived from the same phase.

The integral electronics ensures that each input is electrically isolated from each other, thus preventing feedback from occurring between inputs.

MODE OF OPERATION IN BRIEF

YWA10, any input in then two separate output relays energise. One output relay (AA) can then be reset via a pulse to the cancel terminal "C", even if the original input/s is still present, the second relay (BB) will always remain energised so long as an alarm input is present. Another input in and the cancelled relay will energise again - and so on.

SPECIFICATIONS

Voltage tolerance: $\pm 15\%$
 Operating temperature: -20°C to $+40^{\circ}\text{C}$
 Outward contact: 5Amps/250VAC

CONNECTION DETAILS

Terminal N: Common Neutral or with DC 0V
 Terminal C: Cancel input
 (for DC +V signal required)
 Terminals AA: Normally open alarm contact, closes on alarm, opens on reset
 Terminals BB: Normally open alarm contact, closes on alarm
 Terminals 1-10: Alarm signal inputs
 (for DC +V signals required)

ORDERING INFORMATION

YWA10/24VACDC



CONNECTIONS

