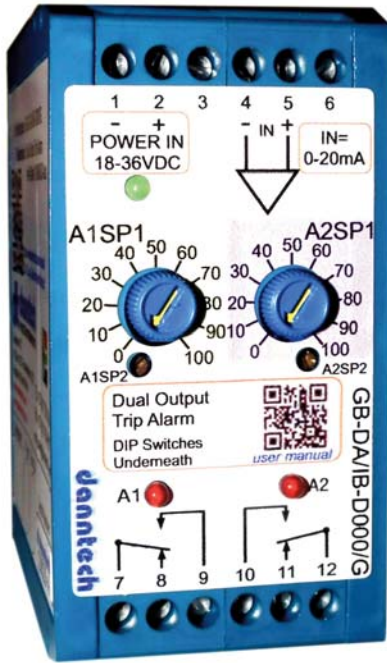


DUAL OUTPUT TRIP ALARM



- The Dual Output Trip Alarm provides two potential free contact outputs which switch at preset levels.
- Both levels can be set using the trimpots on the front of the unit or by injecting desired values and capturing.
- The switching points can be configured to be either active on rising or falling levels.
- Each relay output can be separately configured.
- An adjustable amount of hysteresis between the switch on and switch off reduces relay chatter with noisy signals.
- The normally open and normally closed relay contacts are available switching up to 10 A at 230 VAC.

APPLICATIONS:

- Backup process signal alarms.
- Simple on-off control.
- Level control.
- PC configuration soon.
- Reliable, safety backup.

Selectable modes for each relay output - setpoint switching high, setpoint switching low, window switching and level switching.

SPECIFICATIONS:

- Inputs: ± 100 mV, ± 10 V, ± 100 V, 0-20 mA, 4-20 mA, pT100, resistance up to 10 k Ω , pulses, frequency - 0.01 Hz to 100 kHz. AC voltage, DC voltage up to 250 VAC or VDC, mains frequency, AC current, DC current up to 10 A AC or DC, RMS conversion.
- Potential free contact outputs, both normally open and normally closed contacts for both alarms.
- Contact rating of 250 VAC at up to 10 A.
- Single-turn trimpot finger or screw driver adjustment for primary switching setpoints on the front of the unit.
- Multi-turn trimpot adjustment of secondary switching setpoint or hysteresis.
- Front panel adjustments lockable using DIP switch.
- Alarm delay – selectable delay after alarm level is reached before the relay is activated.
- Hysteresis front panel adjustable for each output.
- Operating modes configurable for each relay output - setpoint switching high, setpoint switching low, window switching and level switching.
- LED sense can be changed (i.e. On with relay On or On with relay Off).
- Input signal filtering – selectable in 0 to 16 second input step response.
- Relay power-up state setting – provides for a defined power-up relay state.
- Power-up delay setting – sets the time from power-up before alarm actions are activated (0 - 600 secs).
- Various auxiliary supply options: 24 VDC, 12 VDC, 9 - 18 VDC, 18 - 36 VDC, 36 - 72 VDC or 90-264 VAC (47-63 Hz) or 120-370 VDC.
- Isolation between input and output >1000 VDC.
- Operating temperature -10 to 60°C.
- 24 hour operational burn-in.
- DIN rail mounting.
- Screw terminal connections.
- Dimensions 40 x 80 x 85 mm (W x H x D).

