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TECHNOLOGY GROUP

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PDISO8

Output

CONTACT RATING: 3A @ 125 VAC or 28VDC resistive, Installation Category I*.

CONTACT TYPE: Silver alloy.

CONTACT RESISTANCE: 100mΩ maximum (initial).

CONTACT ARRANGEMENT:

Channels OP0 to OP4 are SPDT (Form C changeover).
Channels OP5 to OP7 are SPST (Form A normally open).

OPERATE TIME: 20ms maximum.

RELEASE TIME: 10ms maximum.

LIFE EXPECTANCY:

Mechanical: 10^7 operations minimum.
Electrical: 10^5 operations minimum @ full load.

Isolated Control Input

TYPE: Nonpolarized, opto-isolated (inputs are not TTL/CMOS compatible), Installation Category I*.

NUMBER: Eight lines.

INPUT VOLTAGE RANGE: 5 to 24 VDC or AC (50 to 1000Hz).

INPUT RESISTANCE: 470Ω minimum.

RESPONSE TIME:

50µs (typical) without filter.
10ms (typical) with filter.

* Voltage source must be isolated from the mains by a transformer.

GENERAL

POWER CONSUMPTION:

+5 V Supply: 0.3 A typical all relays off.
1.0 A typical/1.3 A maximum all relays on.

+12 V Supply: Not used.

-12 V Supply: Not used.

Power Dissipation: 5W typical.

ENVIRONMENT:

Operating Temperature Range: 0° to 50°C.
Storage Temperature Range: -20 to +70°C.

HUMIDITY: 0 to 90% non-condensing.

WEIGHT: 7.5 oz (213g).

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