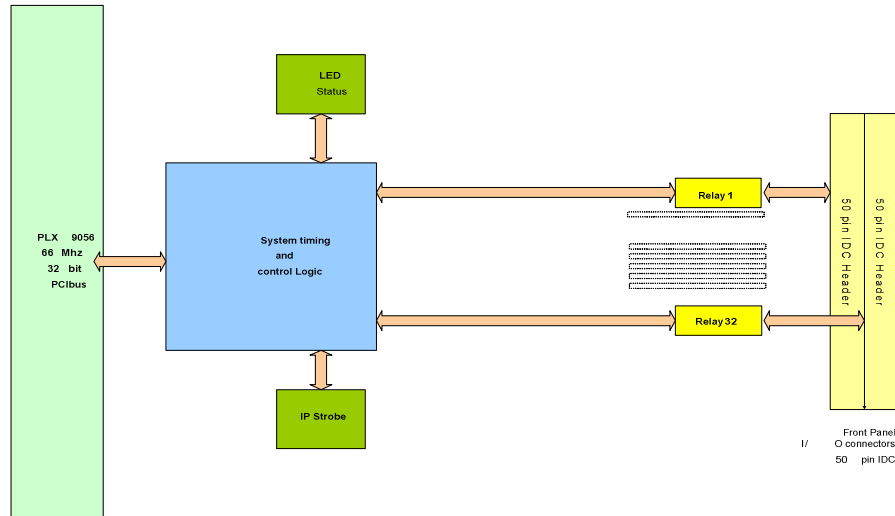


## Summary

- 32 SPDT relay
- Magnetically shielded
- Dry reed type
- Normally open
- 30 watt contacts
- 30V 1 amp continuous power
- Contact resistance 0.1 ohm
- Switch time 110  $\mu$ Sec
- Lifespan of 5 x 10<sup>5</sup> operations @ 1A 30V DC
- PICMG compliant



## 32 MECHANICAL SPDT REED RELAY



### Features

- 32 reed relays
- Fast switching
- Single pole Double Throw
- Read back register
- Normally Open
- Independent relay drivers
- Software libraries and drivers for WinNT and Linux

### I/O Level

- Relay I/O
- SPDT
- 1 amp switching

### I/O panel connectors:

Front Panel I/O connectors  
 (1) X 100 pin Header

### CPCI interface

- CPCI Bus Interface 3.3 / 5 Volt
- PLX 9056 66MHz 32-bit, PCI r2.2 compliant

### Mechanical & Environmental

- Operating temperature  
 Commercial: 0 to +70 °C  
 Optional: -40 °C to +85 °C
- Airflow requirement: .5 CFM
- Humidity: 5 to 90% (non-cond.)
- Vibration: 0.5G RMS  
 20-2000 Hz rand
- Shock: 20 G, 11 ms, 1/2 sine
- MTBF: >150000

### Ordering Information

Part Number : CPCI-RELAY-32 32 SPDT normally open relay, Industry Pack module

### Optional Accessories

Part Number : TB-50-HDR 50 pin terminal block and 1meter flat ribbon cable  
 Part Number : CBL-50-HDR 50 pin, 1meter flat ribbon cable, IDC header connector

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