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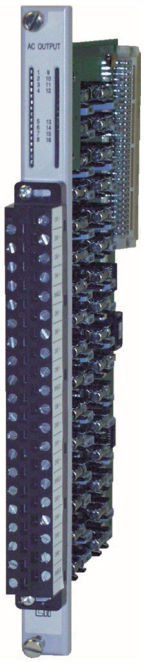
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2598-8 8-Point AC Discrete Output Module



Description

The 2598-8 8-Point AC Discrete Output Module provides eight outputs isolated in groups of two from the CTI 2500 Series or Simatic® 505 I/O base. The module utilizes solid-state output circuits to switch on or off external devices such as pilot lamps, motor starters, or solenoids. The 2598-8 is designed to switch externally supplied 11 to 240 VAC. The internal logic signals are isolated from the external outputs to 2100 VDC.

Features

- 8 AC output points
- Replaces Siemens® 505-4608, -4808
- 3000 VDC group-to-group isolation
- 2100 VDC channel-to-backplane isolation
- Isolation in groups of two
- Wide 11-240 VAC output range
- 2.0 Amps per output
- 16 Amps total module output
- Individually fused outputs
- Sourcing outputs
- Single-wide module

Specifications

Outputs per Module: 8

Isolation: 2100 VAC channel-to-backplane
3000 VAC group-to-group

Output Voltage: 11 VAC to 240 VAC

Maximum Output Current:
2A per point
16A per module

for Class 1 Div 2 locations:
2A per point @ 50C
1.5A per point @ 60C

Maximum Surge Current: 3 Amps for 15 Sec

"ON" State Voltage Drop: 1.0 V @ 1.0 Amp

"OFF" State Leakage Current: 1 mA @ 120 VAC

Turn On Time: 1 AC cycle

Turn Off Time: 1 AC cycle

Fuses: 8, 2.5 amp, 250V,
Type: Littelfuse #21602.5,
Bussman GDA-2.5 (field replaceable)

Connector: Removable

Wire Gauge: 14 - 22 AWG

Backplane Power: 1.0 Watt max.

Module Size: Single-wide

Operating Temperature: 0° to 60°C
(32° to 140°F)

Storage Temperature: -40° to 85°C
(-40° to 185°F)

Relative Humidity: 5% to 95%
(non-condensing)

Agency Approvals:

UL, UL-Canada, Class 1 Div 2, CE

Shipping Weight: 1.5 lb. (0.68 Kg)

Control Technology Inc.
5734 Middlebrook Pike, Knoxville, TN 37921-5962
Phone: 865/584-0440 Fax: 865/584-5720 www.controltechnology.com

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