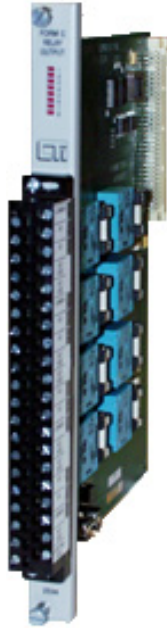


## 2534 8-Point Form-C Relay Output Module



### Description

The 2534 8-Point Form C Relay Output Module provides eight isolated Form C relay outputs for the SIMATIC® 505 I/O base. This module plugs directly into the SIMATIC® 505 I/O base and responds to SIMATIC® 505 instructions. The 2534 is designed for high current applications such as switching motor starters. It is also designed for 125 VDC (nominal) low level current applications and is especially suited for applications in power utility substations.

### Features

- SIMATIC® 505 base format
- 8 Form C relay outputs
- Isolated 1500 VDC channel-to-backplane
- Wide 15-240 VAC, 15-150 VDC output range
- 4.0 Amps per output
- Individually fused outputs
- Single-wide module

### Specifications

**Outputs per module:** 8

**Isolation:** 1500 VDC channel-to-backplane  
1500 VDC channel-to-channel

**Output voltage:** 15 - 240 VAC  
15 - 150 VDC

**Inrush current:** 64 Amps for 2 mSec

**Indicators:** 8 individual LEDs

**Maximum output current:**

15VAC - 240VAC: 4A

15VDC - 30VDC: 4A

150VDC:

Resistive: 1mA - 500mA

Inductive: 1mA - 250mA

**Switching rate:** 5 ops/sec (no load)

**Type of contact:** Form C

**Type of outputs:** Individually fused

**Contact life:**

@ full rated current, 4A = 300,000 cycles

@ 2A = 1,000,000 cycles

**Backplane Power:** 1.0 Watt

**User Power Supply:** 24VDC  $\pm$ 10%

160 mA (all outputs ON)

**Fuses:** 8, 5 amp, 250V, field replaceable

Type Littelfuse #215-005

Schurter #0001.2511

**Connector:** Removable

**Wire Gauge:** 14 - 22 AWG

**Module Size:** Single-wide

**Operating Temperature:**

0° to 60°C (normal locations)

0° to 50°C (Class 1 Div 2 locations)

**Storage Temperature:** -40° to 85°C

(-40° to 185°F)

**Relative Humidity:** 5% to 95%

(non-condensing)

**Agency Approvals:**

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

**Shipping Weight:** 1.8 lb. (0.82 Kg)



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**WARNING:**  
The module must not be inserted into the I/O rack while rack power is applied.

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