Model 4511

32 SPDT MERCURY WETTED RELAYS

Product Description

The 4511 provides 32 SPDT Mercury Wetted Relay channels. This module provides high voltage carrying capability as well as very low and consistent contact resistance. The 4511 has been designed with several exceptional features that make it stand out from competitive products.

- **6U Form Factor** – the larger 6U form factor will accommodate 3-4 times the number of relays as 3U PXI products eliminating the need to build switching structures across boards decreasing Bandwidth.

- **Mercury Wetted Relays** – These relays provide high voltage switching capability up to 500V and low contact resistance typically on the order of 30mΩ.

Capabilities

- 32 SPDT Mercury Wetted
- Voltage Max = 500VAC, 500VDC
- Current Max = 2A
- Power = 100 Watts

Recommended Uses

- **Switching High Voltage signals** – Ideal for testing devices involving higher voltages up to 500V.

Low Cost GT-8400A 3U chassis with LAN and IEEE-488 Control

Obsolete

Hazardous Material

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Model 4511
32 SPDT MERCURY WETTED RELAYS

Specifications

Electrical
- Voltage Max = 500VAC, 500VDC
- Current Max = 2A (switched)
- Power Max = 100W
- Contact Resistance = 30mΩ
- Breakdown Voltage, 1000Vrms

Environmental
- Temperature
  - Operating 0° to 55°C
  - Storage -40° to 75°C
- Humidity (non-condensing)
  - Operating 10 to 90%
  - Storage 0 to 95%

Mechanical
- Pitch 0.6"
- Width = 8.5" Overall
- Length = 18.5" Overall
- Weight = 1lb

• All ASCOR cards have built-in circuitry to verify both the control signal from the programming register, as well as verifying the relay coil is intact.

• All Switching modules feature built-in memory to maintain the service record of the unit with time stamping.

• All Modules carry a full 3 year Warranty

Ordering Information

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
<th>Manufacturer #</th>
</tr>
</thead>
<tbody>
<tr>
<td>4511</td>
<td>32 SPDT Mercury Wetted Relays, (0.6” pitch)</td>
<td>90900010</td>
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<tr>
<td></td>
<td>Set of Mating connectors for one Module</td>
<td>89800520</td>
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