



# 3072 48-bit Output Register

## FEATURES

- 48 output switches
- 30 V open-circuit rating
- 250 mA current drive per switch
- Diode clamping option available
- TTL output option available

## APPLICATIONS

- Switch indicator lamps
- Switch relays
- Switch solenoids
- Control valves
- Output data

## GENERAL DESCRIPTION

The Model 3072 is a single-width CAMAC module with 48 output switches. These switches are organized as two 24-bit words. Each switch is an open-collector transistor suitable for driving a relay, lamp, solenoid, or similar device.

All of the switches share a common return path. An output switch is closed whenever there is a 1 in the corresponding bit of the data register. Each output can sink 250 mA with a maximum open-circuit voltage of 30 V. Inductive loads should be diode-clamped at the load to remain within the voltage rating. Internal diode suppression clamped to +24 V is available as an option. The 3072 is also available with pull-up resistors for TTL signal levels.

Three connector options are available: a 52-pin, "2D" connector at the rear of the module above the Dataway and either a 50-contact Amphenol ribbon connector or a 50-pin "D" type connector on the front panel.

## Ordering Information

### Model 3072-x1z 48-bit Output Register

x:

- A = 50S Amphenol Ribbon
- E = 50P "D"
- F = 52-contact "2D" plug

z:

- A = Standard
- B = Diode-clamped
- C = TTL pull-up

## Accessories

<b>Module</b>	<b>Mating Connector</b>	<b>I/O Cable (one end unterminated)</b>
Model 3072-A1z	5950-Z1A	5853-Axyz I/O Cable
Model 3072-E1z	5934-Z1A	5851-Bxyz I/O Cable (one end unterminated)
Model 3072-F1z	5942-Z1A	5850-Bxyz I/O Cable (one end unterminated)