

DSP TECHNOLOGY

MODEL PR612, PR612/K

Dual 24-Bit Parallel Output Register

FEATURES

- 48 open collector TTL output
- 48 LED data display
- Readable registers
- Register load pulse available to external device
- Conforms to IEEE Standard 583-1982

DESCRIPTION

PR-612 Parallel Output Register is a single-width CAMAC module which contains two 24-bit registers to hold and transfer data from the crate Dataway to an external device. The outputs are available on two 31-pin connectors mounted on the front panel. An optional 52-pin connector mounted on the rear panel can be added (PR612/K).

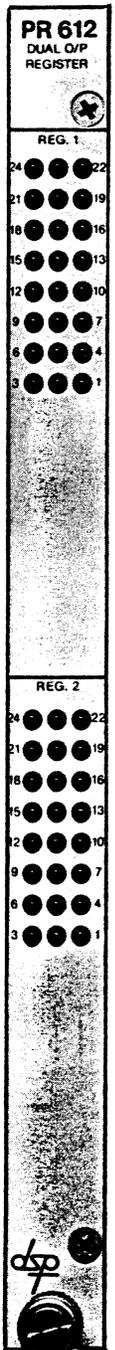
Data outputs are negative-true, open collector drivers capable of sinking 37 mA at +5V.

Data outputs are set by use of WRITE command (F16). Data from the write lines are clocked into the register addressed at S1. Registers may be read onto the Dataway with an F (0) command.

A negative output impulse for each channel is provided to indicate when its register has been updated.

APPLICATION

Holds and transfers up to 48 bits of data from CAMAC Dataway to external devices.



TECHNICAL SPECIFICATIONS

Model PR612/D: DK Dual 24-Bit Parallel Output Register

ELECTRICAL

Power requirements: +6V @ 1A
 Outputs: Open collector TTL
 1 sink = 37mA with display.
 Strobe output pulse width equal to Dataway S1

FRONT PANEL

Connectors: Two Cannon
 2DA-31P
 Display: LEDs for Register Outputs
 Mating Connector: For PR-612D (2 ea)
 P/N 70501/76006/70524

REAR PANEL

Connector: Cannon 2DA-52P
 (PR-612DK)
 Mating Connector: For PR-612DK (2 ea)
 P/N 70503/76005/70524

CAMAC COMMANDS

Command	Action	Q
<u>Response</u>		
F (0) A (0)	Read Register 1	1
F (0) A (1)	Read Register 2	1
F (16) A (0)	Write Register 2	1
F (16) A (1)	Write Register 2	1

MECHANICAL

Single-width CAMAC module fully shielded
 Weight: 1 lb., 12 oz.
 Operating Temperature: 0°C to 50°C at less than 80% humidity.

ORDERING INFORMATION

PR-612 with 2 front panel connectors
 PR-612 /K with front and rear panel connectors

