

Digital Control Unit

Key Features

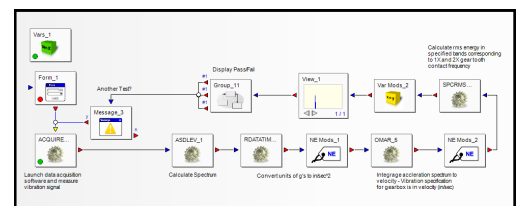
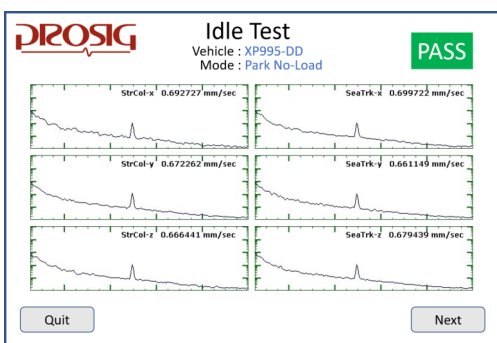
- Dual channel relay and GPIO module
- Allows control of external devices and machinery
- Compact, rugged and reliable
- High quality, easy access screw terminals
- USB powered



When combined with real-time analysis and processing capabilities of DATS, the **DATS-dcu** provides a powerful and sleek solution to combine the power of complex digital signal processing algorithms with simple TTL logic control of third party systems. This allows users to be able to make instantaneous decisions based on live data while following predefined test requirements, therefore improving both consistency and reliability of your end of line testing.

While both simple to use and compact, the digital control unit can be readily controlled via the DATS software. Each unit can be uniquely configured to interface with external systems and equipment, such as those found on production lines.

These interface requirements are facilitated through the use of two double pole, double throw (DPDT) relays and four TTL (5V) compatible GPIOs. The GPIOs are also multiplexed with four analogue input channels at a 10-bit resolution allowing for maximum flexibility and system integration.



SYSTEM

GPIOs	4
Analogue Inputs (Max)	4 (Multiplexed with IOs)
Max Relay Contact Rating	2A
Relay Type	Mechanical
Communications	USB
Dimensions	110mm x 82mm x 24mm
Weight	180g

Prosig Ltd

UK: +44 (0) 1329 239925

sales@prosig.com

USA: +1 847-228-0985

prosigusa@prosig.com

www.prosig.com