



The DSSA PG8 is a gateway module designed to provide customers with additional interface solutions to their digital systems at a low cost. PG8 is a perfect integration solution whether you are wanting:

- Additional 8 x Digital Inputs
- Additional 4 x Analogue Inputs
- Additional Low Power Outputs (Max 150mA)

ELECTRICAL FEATURES:

- 8 Inputs that detect either open or switch to ground contacts
- 8 Digital Inputs
 - Can also be configured as low power outputs
 - Up to 4 circuits can be configured as analogue inputs
- 1 Output for CANbus
- External status communication on the bus



 **CANbus Compatible**
 (CANopen / J1939 Compliance Available)

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ENVIRONMENTAL FEATURES:

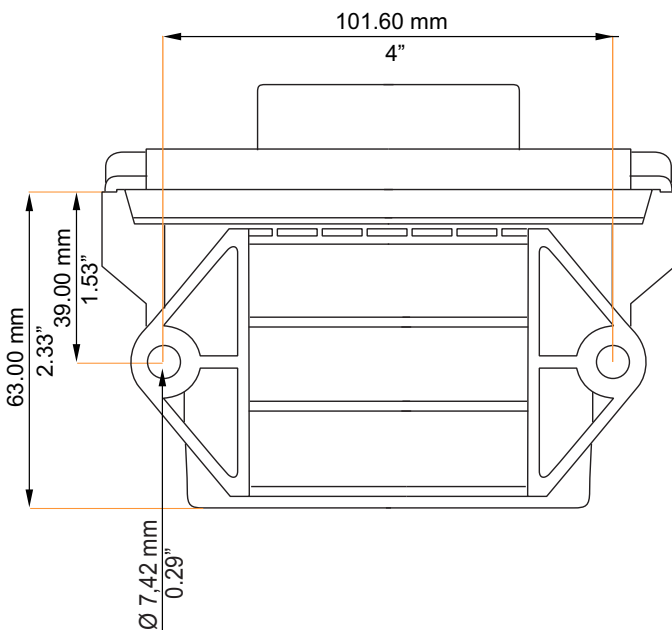
- Operating Ambient Temperature: -40°C to +85°C
- Storage Ambient Temperature: -40°C to +85°C
- Humidity: 0 to 98% (non-condensing)
- IP67 Enclosure

FEATURES

SWITCH VERSATILITY:

The PG8 is a great way to extend the versatility and flexibility of selection in switch types and sensors, yet continue to enjoy all the benefits of digital power distribution. This includes dual control stations, remote trip re-setting and reduced cabling. All of this is available with a single interface gateway.

DIMENSIONS



MECHANICAL

Connector	Cinch 581-01-30-064
Mating Connector	Cinch 581-01-30-029
Housing/Cover	33% Glass Filled Polymer
PC Board	1mm Thick, Nema Grade FR-4, Double Clad with 1oz Copper

ELECTRICAL

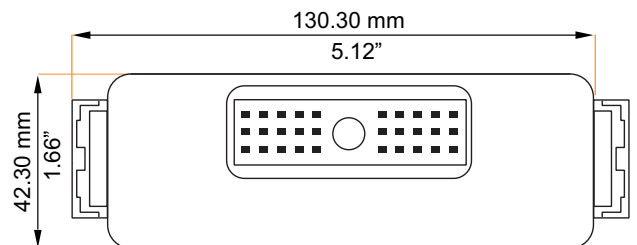
Supply Voltage	12-24V Nominal 8-32V
Standby Current	<30mA Per Gateway
Communication Bus	CANbus (CANopen or J1939) or RS485
Switch Indicator Current	150mA Per Indicator (Internally Limited)

DIGITAL / ANALOGUE INPUTS:

The PG8 allows inclusion of up to 8 digital inputs and up to 4 analogue inputs to any given onboard CANbus system. This simplifies management of additional input signals from things such as CANbus messaging, sensors or actuators in a work truck or agriculture application.

LOW POWER OUTPUTS:

Thanks to the PG8 it is now also possible to manage up to 8 low current outputs (max 150mA), primarily attributed to switch indicator LEDs.



ENVIRONMENTAL

Operating Temperature	-40°C to +85°C
Storage Temperature	-40°C to +85°C
Humidity	0 to 98% (No Condensation)
Salt Spray	Per ASTM B117
Ingress Protection Rating	Ip67

OTHER FEATURES

Size mm / inches	63 x 130, 3 x 42, 3/2, 33 x 5, 12 x 1.66
Weight	185g