

PN: 58-0160



Description

This module uses a 12-pin sealed Deutsch connector (DT04-12PA equivalent). All outputs on this module may be configured as a sourcing digital output or a PWM Output. All inputs on this module may be configured as a sourcing digital input, a 32V analog input, a 4-20mA current-reading analog input, or 0-5V ratiometric input. This module uses J1939 Proprietary Peer-to-Peer Messaging.

Features

- SAE J1939 communication protocol
- Up to 3A per Output
- PWM or Digital
- LED status indicators
- Output short circuit, overload, and open load detection and protection
- Inputs, Outputs digital sourcing, analog, frequency or ratiometric

Module Layout

12 Pin Deutsch

On Module Housing	
Module Connector	DT04-12PA
From Wiring Harness	
Mating Connector	DT06-12SA
Mating Contact	0462-201-16141
Mating Wedge Lock	W12P

LED Status Indicators

LED Status Indicators	
Left LED Bank	Status indicators for input 1-2 and Output 1-4
Right LED Bank	Status indicators for CAN and Power connections

Connector Pin Specifications - 12 Pin Deutsch Connector

Pin 1	Output 1	Pin 5	Input 5	Pin 9	CAN L
Pin 2	Output 2	Pin 6	Input 6	Pin 10	CAN H
Pin 3	Output 3	Pin 7	Address 2	Pin 11	Ground
Pin 4	Output 4	Pin 8	Address 1	Pin 12	Battery

Specifications

Electrical

Power Supply Voltage	8-32 VDC
Operating Current	13A Max
Surge Current	12A Max (<2 Sec)
Input Logic Threshold	5.5 - 7V Max
ESD Protection	15KV Air/ 8KV Contact

Mechanical & Environmental

Storage Temperature	-40° to 85° C
Operating Temperature	-40° to 85° C
IP Rating	IP67
Mechanical Shock	50g Operational
Weight	3.7in W x 5.15in L x 1.86in H

Product Dimensions

