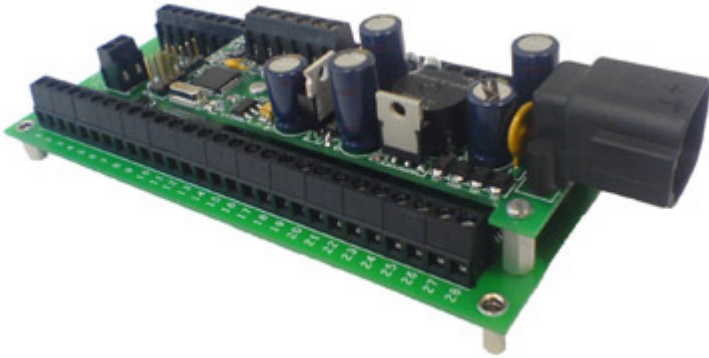




CANSWITCH TERMINAL BLOCK

CAN transceiver interface to switches and controls



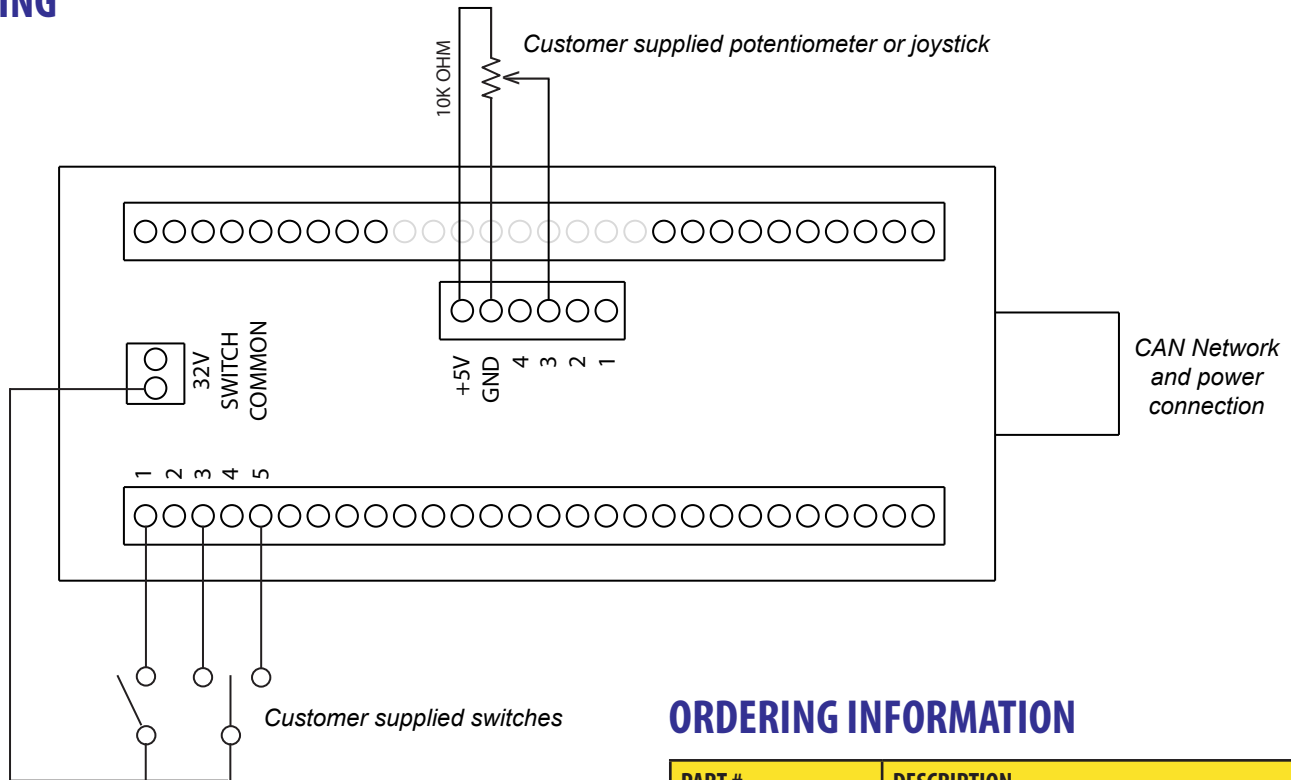
BENEFITS

- **Reduced Wiring**
Clean up crowded control panels. Up to 56 switches and 4 analog inputs can be combined into a single CAN cable.
- **Flexible Configuration**
Use your own preferred switches of virtually any type or arrangement.
- **Switch "friendly"**
On-board power supply provides 32VDC excitation - reduces oxidation and extends switch life.
- **Analog/Proportional Inputs**
4 analog inputs provided to incorporate analog devices such as potentiometers, sensors, or joysticks.
- **Wide Compatibility**
Factory programmable for a wide range of CAN-compatible protocols and network addresses.

APPLICATIONS

- Simplify wiring in busy control panels and dashboards
- Reduce number of wires needed - great for long cable runs

WIRING

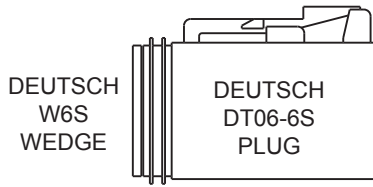


ORDERING INFORMATION

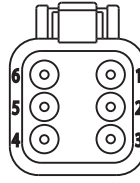
PART #	DESCRIPTION
CANSWTB	Terminal block for field wiring customer switches

Consult factory for available protocols.

WIRING



DEUTSCH
0462-201-16141
SOLID SOCKET
-OR-
1062-16-0122
FORM SOCKET

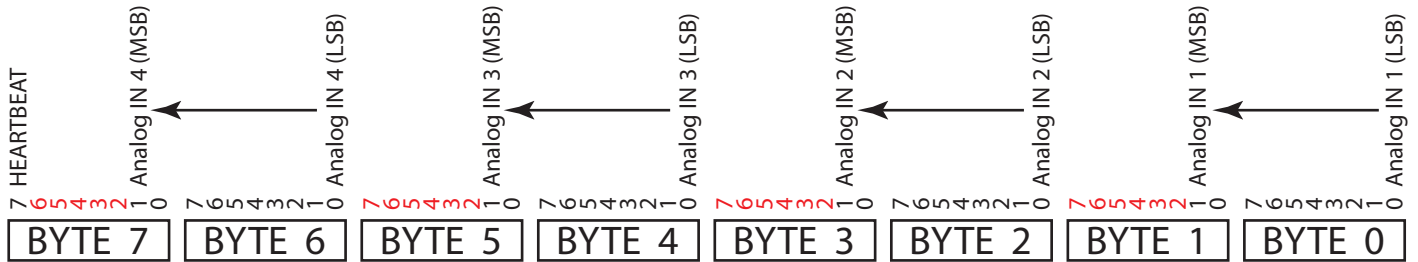


PIN	CANBUS
1	GROUND - NEGATIVE
2	BATTERY + POSITIVE
3	CAN HI
4	CAN LO
5	CAN SHIELD
6	NO CONNECT

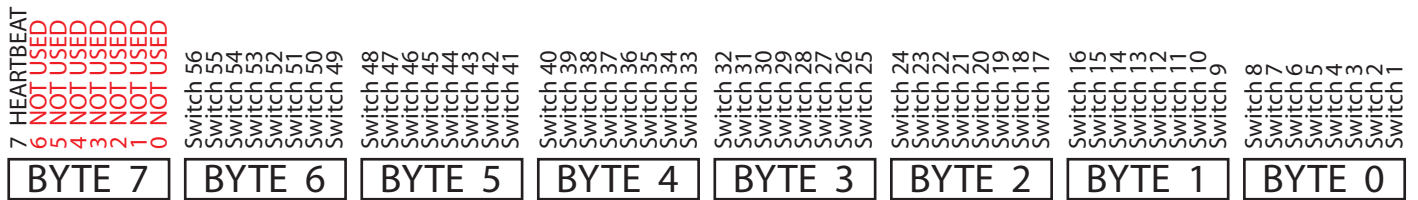
POINT MAP

Address: 11 or 29 bits factory set - consult factory for specific requirements
Data Rate: 250kbps; update 20 times per second

Address 0x96 (150 decimal)



Address 0x97 (151 decimal)



Byte 7 reserved, TBD

Heartbeat output changes state every update. Controller should be programmed to monitor this output for fault detection.

SPECIFICATIONS

General	Power requirement	12-30vdc, 50mA nominal
	Fuse	Self-resetting
Inputs	Digital	Up to 56 dry contact inputs 32-volt switch excitation voltage provided
	Analog	4 x 0.5v to 4.5vdc
Communication	CAN	Compatible with most popular controllers, consult factory
Dimensions/Mounting	CANSWTB	6.5"l x 2.85"w x 1.85"h

Environmental

Conformal coated, enclosure required for environmental sealing
Operating temperature -30°C to 65°C