



**CANOpen Master
Communications Module**
HECOM650 & HE800COM650
CANOpen Master Module



1 SPECIFICATIONS

	COM650		COM650
Communication ports	9-Way D-Type or 5 Pin CombiCon.	Nodes Supported	128
Status LEDs	Ready Run Error Status	Supported Features	Synchronous telegrams (PDO's) Asynchronous telegrams (SDO) Life-Guard Telegrams Sync Telegram Emergency Telegrams
Maximum Exchanges per Node	Maximum of 60 data types per Node	Baud Rate	10, 20, 50, 100, 125, 250, 500, 800 kBaud. 1 Mbaud.
Network	2 Wire CANbus	Supported Data Types	Boolean, Signed / unsigned 8-Bit, Signed and unsigned 16-Bit Signed / unsigned 32 bit Float String
General Specifications			
Required Power (Steady State)	2W (400mA @ 5VDC)	Terminal Type	D-Type, Screw terminal
Required Power (Inrush)	Negligible	Weight	1.9 g (9.5 oz.)
Relative Humidity	5 to 95% Non-condensing		
Operating Temperature	0° to 55° Celsius		

2 CONNECTOR / REGISTERS

CANOpen D-Type Pin Out			
Pin no	Signal	Pin No	Signal
1		6	0V (External power)
2	CANL	7	CANH
3	DGND	8	
4		9	+V (24V External)
5		Shield	Shield
5- Way CombiCon Connector Pin Out			
1	0V External	4	CANH
2	CANL	5	+V (24V External)
3	Shield		

Figure 1 – CANOpen Connector

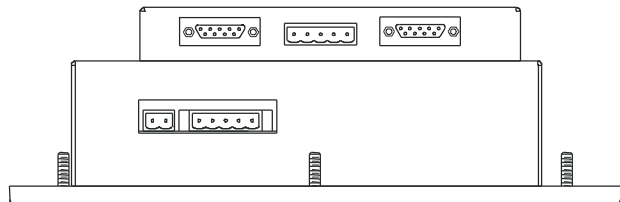


Figure 2 – CANOpen Master on an OCS

3 INSTALLATION / SAFETY

Warning: Remove power from the OCS / TIU controller, CAN port, and any peripheral equipment connected to this local system before adding or replacing this or any module.

- a. All applicable codes and standards must be followed during the installation of this product.
- b. Use the following wire type or equivalent: Belden 8917, 16 AWG or larger.

4 TECHNICAL SUPPORT

For assistance, contact Technical Support at the following locations:

EUROPE

Email: tech.support@horner-apg.com

Fax: +353 (0)21 4321 826

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