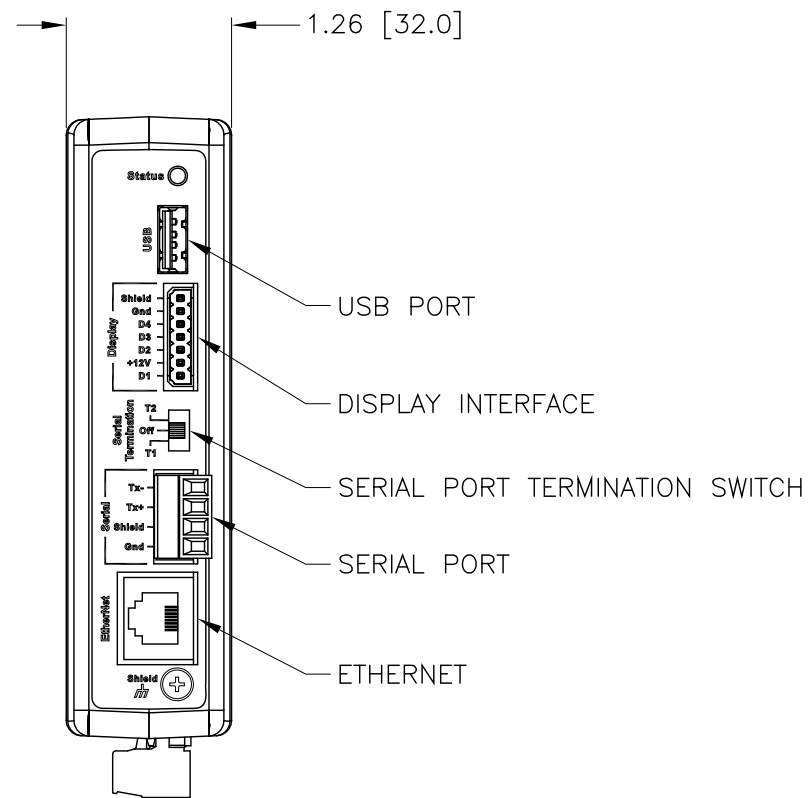
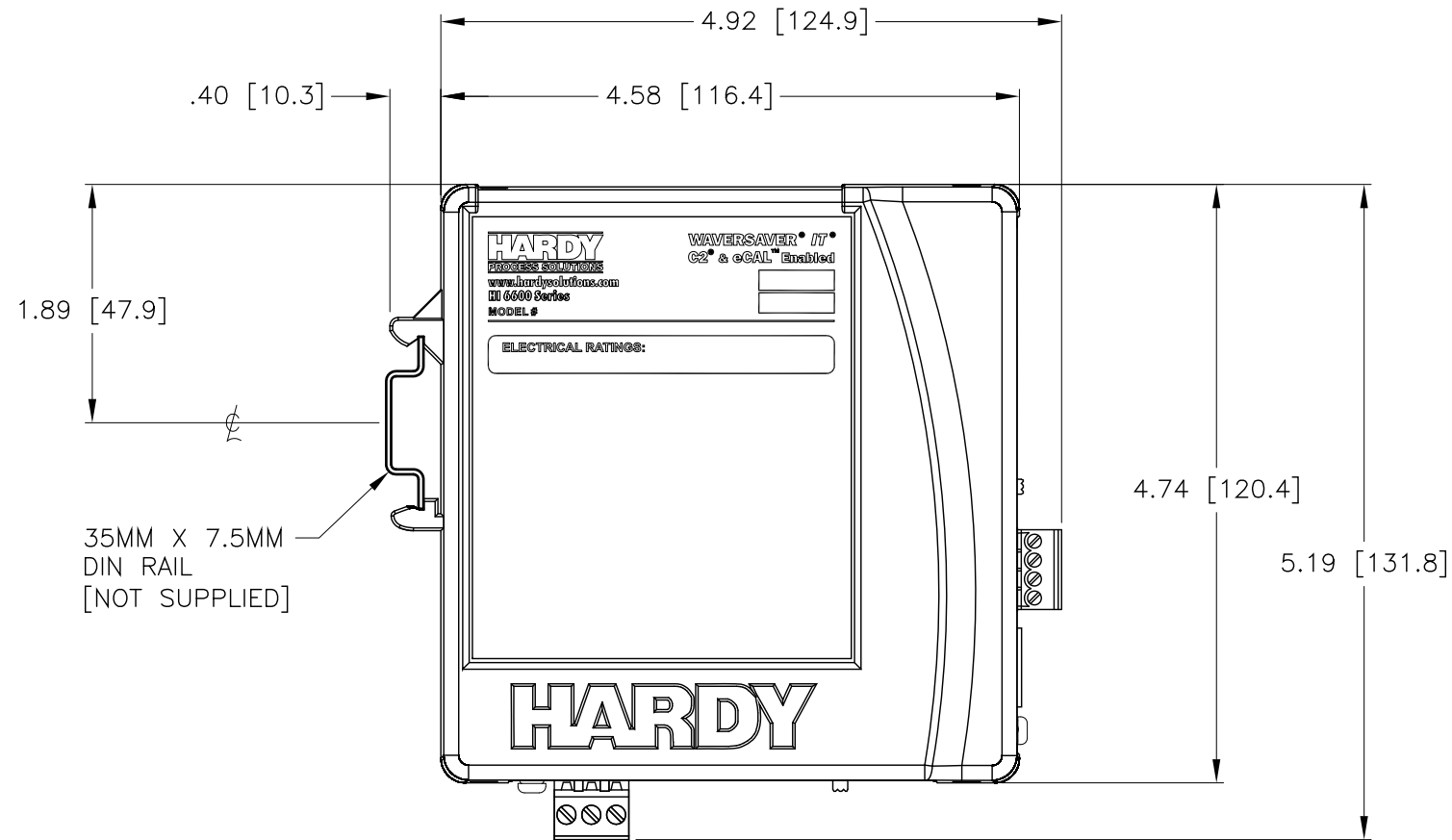
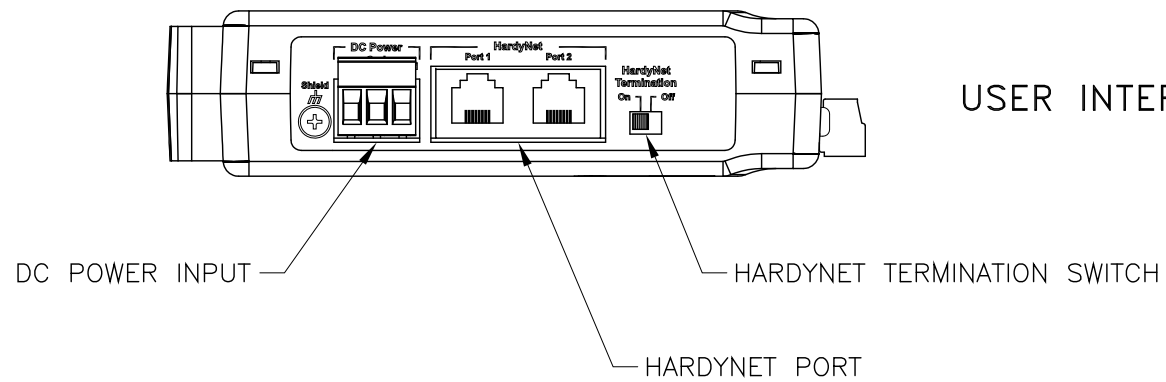


REV.	ECO/DDC	DESCRIPTION	DATE	DRAFT	CHECK	APV'D
A	----	RELEASED.	07-15-14	V.J.C.	L.E.G.	T.N.

# HI 6600 HARDY GATEWAY MODULE



USER INTERFACE <sup>2</sup>



USER INTERFACE <sup>2</sup>

3. IF THE HI 6600 INSTRUMENT IS USED IN A MANNER NOT SPECIFIED BY HARDY PROCESS SOLUTIONS, THE PROTECTION PROVIDED BY THE INSTRUMENT MAY BE IMPAIRED.

<sup>2</sup> SEE SHEET 2 FOR USER INTERFACE CONNECTIONS.

1. SEE HARDY PROCESS SOLUTIONS WEB SITE FOR ADDITIONAL MOUNTING AND WIRING INFORMATION.

## NOTES: UNLESS OTHERWISE SPECIFIED

ITEM	QTY	PART NUMBER	DESCRIPTION	COMMENTS
		0584-0084	I/I DIAGRAM, HI 6600 HARDY GATEWAY MODULE	
PARTS LIST				
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES [MM]		CONTRACT NO.		
FRACTIONS: N/A		DRAWN		
DECIMALS: .XX = N/A		V. CHULA		
.XXX = N/A		DATE		
ANGLES: N/A		07-08-14		
MATERIAL		CHECKED		
		L. GUIRIBA		
		DATE		
		07-15-14		
		APPROVED		
		T. NORMAN		
		DATE		
		07-15-14		
FINISH		ISSUED		
		V. CHULA		
		DATE		
		07-15-14		
		PRODUCTION		
		DATE		
DO NOT SCALE DRAWING		SIZE	FSCM	DRAWING NO.
		D	21316	0584-0084
		REV.	A	
		FILE NAME:	584084A1.DWG	SCALE: NONE
				SHEET 1 OF 2



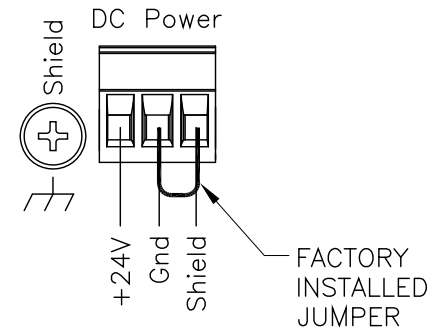
I/I DIAGRAM, HI 6600 HARDY GATEWAY MODULE

PROPRIETARY NOTICE  
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## POWER INPUT TERMINATIONS

### NOTES:

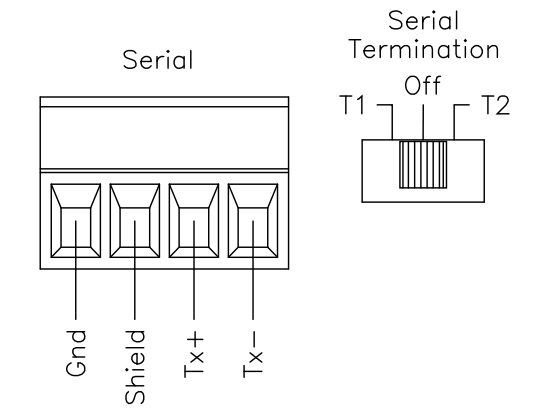
1. CLASS 2 INPUT VOLTAGE RANGE [24VDC NOMINAL]:  
12-24 VDC, 3.90 WATTS MAXIMUM
2. TERMINAL BLOCK WIRE SIZE RANGE:  
WIRE TEMPERATURE RATING TO BE 90° C.  
12 AWG MAXIMUM / 22 AWG MINIMUM.  
WIRE TIGHTENING TORQUE:  
4.4 LB-IN MINIMUM / 5.3 LB-IN MAXIMUM.



## SERIAL PORT TERMINATIONS

### NOTES:

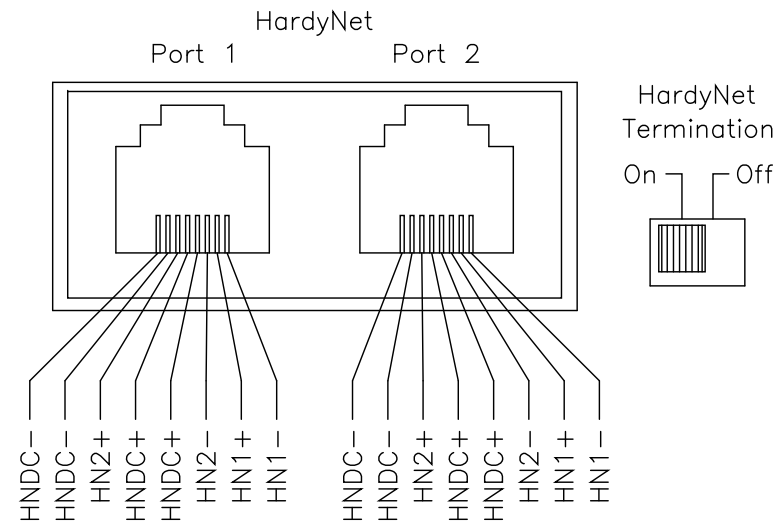
1. SEE USER'S GUIDE FOR ADDITIONAL INFORMATION ON SERIAL TERMINATIONS.
2. DO NOT BUNDLE SERIAL WIRING WITH POWER WIRING, RELAY CABLE OR ANY OTHER HIGH ENERGY CABLES.
3. TERMINAL BLOCK WIRE SIZE RANGE: 22 AWG MIN / 16 AWG MAX.  
WIRE TEMPERATURE RATING TO BE 90° C.  
WIRE TIGHTENING TORQUE: 2 LB-IN MINIMUM / 4 LB-IN MAXIMUM.
4. SIGNALS Tx+ AND Tx- TO BE TWISTED PAIR WIRES.



## HARDYNET TERMINATIONS

### NOTES:

1. SEE USER'S GUIDE FOR ADDITIONAL INFORMATION ON HARDYNET TERMINATIONS.
2. DO NOT BUNDLE HARDYNET WIRING WITH POWER WIRING, RELAY CABLE OR ANY OTHER HIGH ENERGY CABLES.
3. CONNECTOR TYPE: DUAL PORT RJ-45, 8 PINS PER PORT.  
CHARACTERISTIC IMPEDANCE OF WIRING TO BE 120 OHMS NOMINAL.

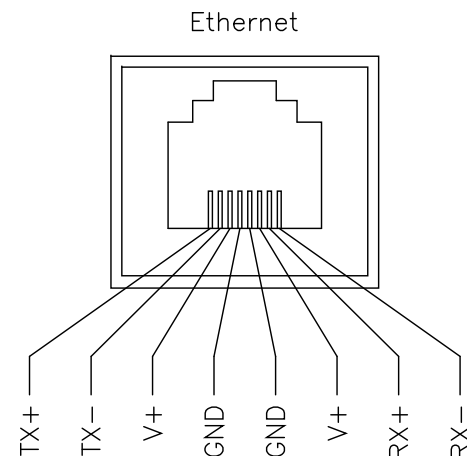


**WARNING: DO NOT USE ETHERNET CROSSOVER PATCH CABLES!!!**

## ETHERNET TERMINATION

### NOTES:

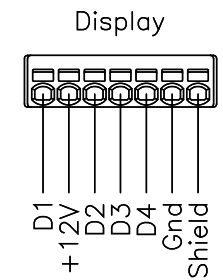
1. SEE USER'S GUIDE FOR ADDITIONAL INFORMATION ON ETHERNET TERMINATIONS.
2. CONNECTOR TYPE: RJ-45, 8 PIN



## DISPLAY TERMINATIONS

### NOTES:

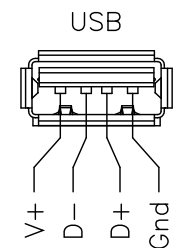
1. SEE USER'S GUIDE FOR ADDITIONAL INFORMATION ON DISPLAY TERMINATIONS.
2. WIRE SIZE: 20 AWG MAXIMUM / 26 AWG MINIMUM.  
WIRE TEMPERATURE RATING TO BE 90° C.  
TERMINAL TYPE: SPRING CAGE CONTACT.  
INSERTION/RELEASE TOOL: 2.0MM X .4MM WIDE SCREW DRIVER BLADE.
3. MAXIMUM CABLE LENGTH: 100 FEET [30.48 METERS]
4. HI 6100 SERIES DISPLAYS ARE AVAILABLE AS AN ACCESSORY.



## USB TERMINATION

### NOTES:

1. SEE USER'S GUIDE FOR ADDITIONAL INFORMATION ON USB TERMINATIONS.
2. DO NOT BUNDLE USB WIRING WITH POWER WIRING, RELAY CABLE OR ANY OTHER HIGH ENERGY CABLES.
3. USB PROTOCOL AND CONNECTOR TYPE: USB 2.0, FULL SPEED; TYPE A.



**HARDY**  
PROCESS SOLUTIONS

TITLE			
I/I DIAGRAM, HI 6600 HARDY GATEWAY MODULE			
SIZE	FSCM	DRAWING NO.	REV.
D	21316	0584-0084	A
FILE NAME: 584084A1.DWG		SCALE: NONE	SHEET 2 OF 2