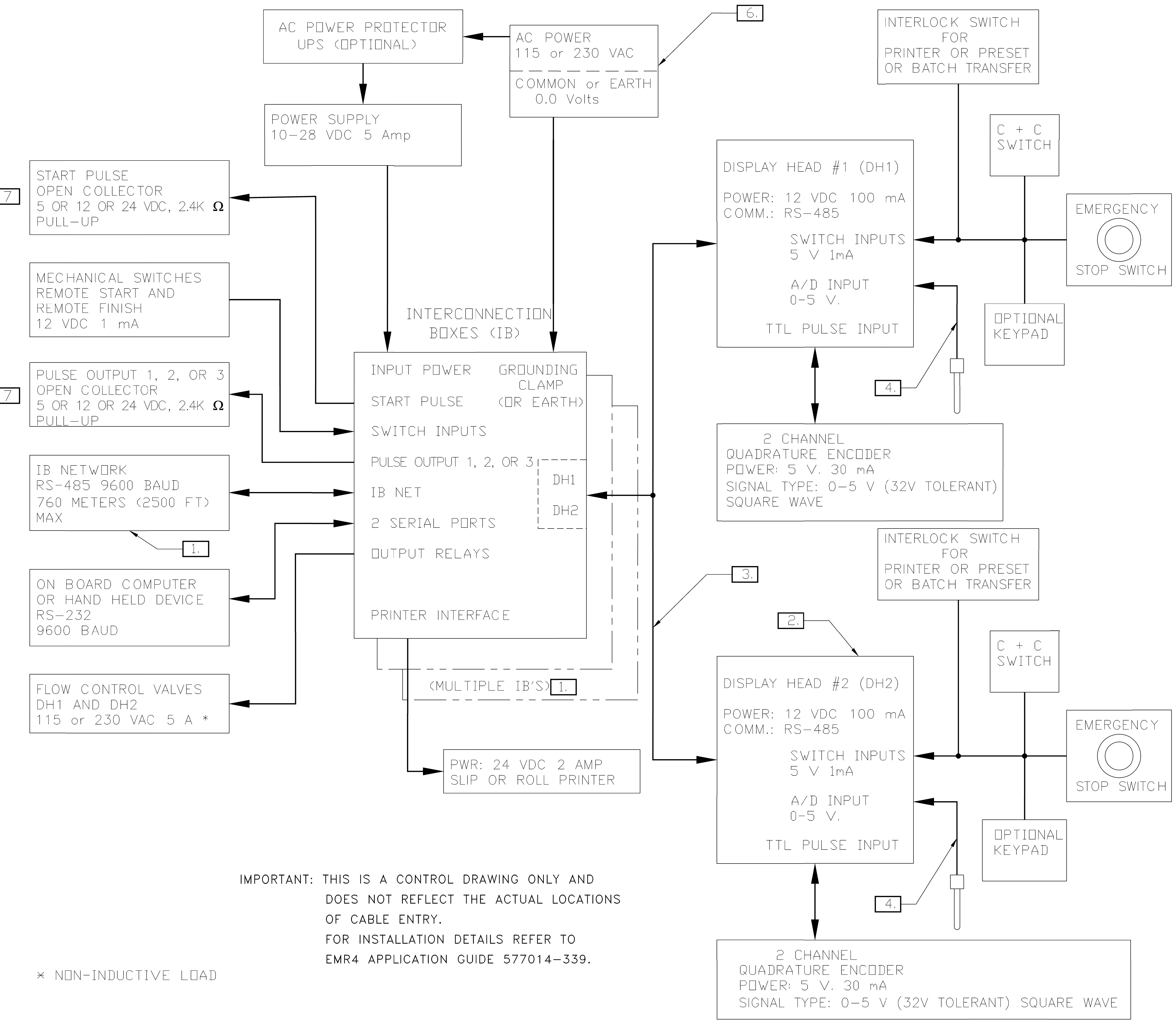


REV	DESCRIPTION	BY	DATE	ECO
A	INITIAL RELEASE	KG	2020/08/31	61040


NOTES:

1. UP TO 16 IB'S MAY BE NETWORKED TOGETHER USING THE IB NETWORK TERMINALS (RS-485) LOCATED IN THE IB.
2. FOR EACH IB, ONE DH MAY BE CONFIGURED AS A REMOTE DISPLAY. AS A REMOTE DISPLAY, THE DH WOULD NOT USE EITHER THE TEMPERATURE PROBE OR THE QUADRATURE ENCODER.
3. IB TO DISPLAY HEAD CABLE RUN:
A) USE 2 SEPARATE CABLES, ONE FOR EACH DISPLAY HEAD.
B) EACH CABLE LENGTH MUST NOT EXCEED 305 METERS (1000 FT).
4. TEMPERATURE PROBE CABLES MUST BE SHIELDED AND ARE NOT TO EXCEED A LENGTH OF 7.62 METERS (25 FT).
5. TO MAINTAIN PROPER ELECTRICAL SAFETY, FOLLOW ALL LOCAL WIRING PRACTICES. REFER TO EMR4 APPLICATION GUIDE 577014-339 WHEN INSTALLING THIS EQUIPMENT.
6. ONE 5 AMP FUSED, SWITCHED, NEON INDICATOR SPUR (FOR 230 VAC), OR A DEDICATED CIRCUIT BREAKER RATED FOR 15 AMPS, 115 VAC OR 230 VAC. NOTE, CIRCUIT BREAKER MUST BE MARKED AS THE POWER DISCONNECT FOR THE IB.
7. THE POSITIVE LEVEL OF THE PULSE OUTPUT OR START PULSE SIGNAL CAN BE INCREASED BY DOING THE FOLLOWING:
A) SELECTING 24 VDC FOR THE SIGNAL
B) INSTALLING A PULL-UP RESISTOR BETWEEN THE SIGNAL AND +24V TERMINALS, IN PARALLEL WITH EMR4'S INTERNAL 2.4KΩ PULL-UP RESISTOR.
C) (IF A 5 OR 12 VDC DEVICE) INSTALL A PROTECTIVE ZENER DIODE WITH APPROPRIATE VOLTAGE RATING (IE.: 12 V ZENER DIODE FOR 12V DEVICE INPUT) BETWEEN THE SIGNAL AND GND TERMINALS.



IMPORTANT: THIS IS A CONTROL DRAWING ONLY AND DOES NOT REFLECT THE ACTUAL LOCATIONS OF CABLE ENTRY.
FOR INSTALLATION DETAILS REFER TO EMR4 APPLICATION GUIDE 577014-339.

* NON-INDUCTIVE LOAD

DO NOT SCALE DRAWING				
DESIGNER	NAME	DATE	NEXT GRP.	ASSEMBLY
GIBSON	GIBSON	2020/08/31	ASSEMBLY	
PROJECT	TOOLEY	2020/08/31	FORM NO	
MATERIAL	 SIMSBURY, CONNECTICUT 06070 U.S.A.			
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REFERENCE MFG. SPEC. VRS 81005 WHERE IT IS APPLICABLE	FUELING DEPOT CONFIG. DIAG. EMR4			
UNSPECIFIED TOLERANCES +/- 0.005	SIZE D	DRAWING NUMBER 334045-001	REV. A	STATUS REL
SCALE	NONE	SHEET 1	OF 1	