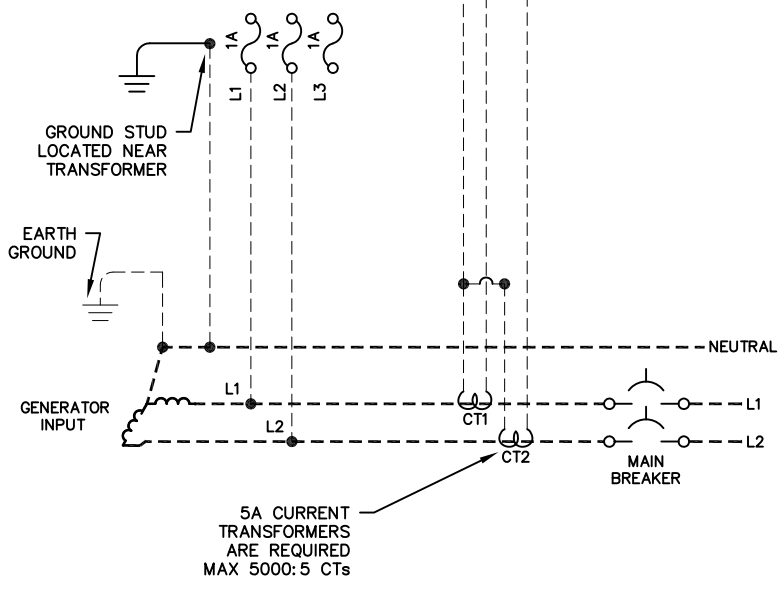
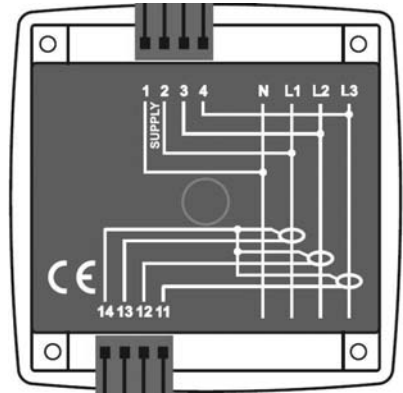


C	ADDED "FREQ" WIRE; ADDED PAGE 3; ADDED MPU		
	HOOKUP INSTRUCTIONS. (06/20/18) MR (IPD) AU		
REV.	CHANGES MADE		
MURPHY <small>by an Emerson Controls</small>			
DRAWN BY:	MR	E.R.NO.IPD	
DATE:	01/05/18	CHKD. BY:	AU
		APPD. BY:	AU
MODEL:	GENSET, MPC-10 PANEL ASSY		
DRAWING NO.	SHEET 1 OF 6	SIZE	REV.
75-07-0042		C	C

APPLICATIONS: ALL

TYPICAL CUSTOMER WIRING FOR SINGLE SPLIT PHASE APPLICATION

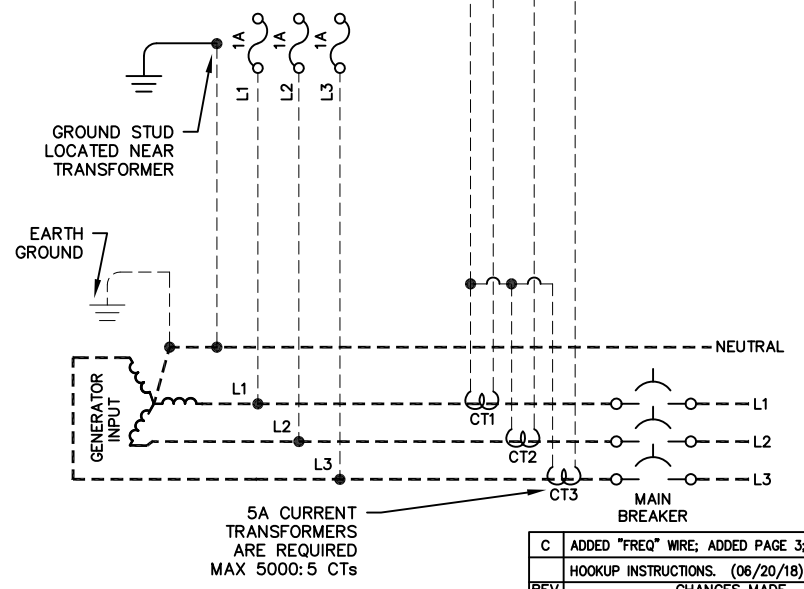
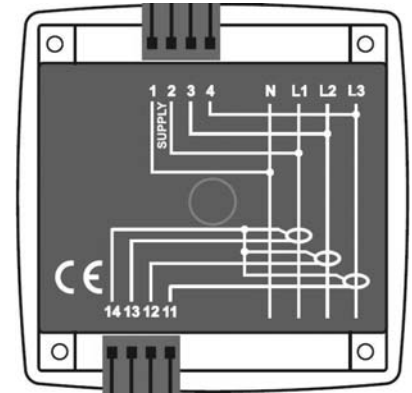
AC DIGITAL DISPLAY
(REAR VIEW)



- NOTES:**
1. ——— MURPHY WIRING.
 2. - - - - - CUSTOMER WIRING.

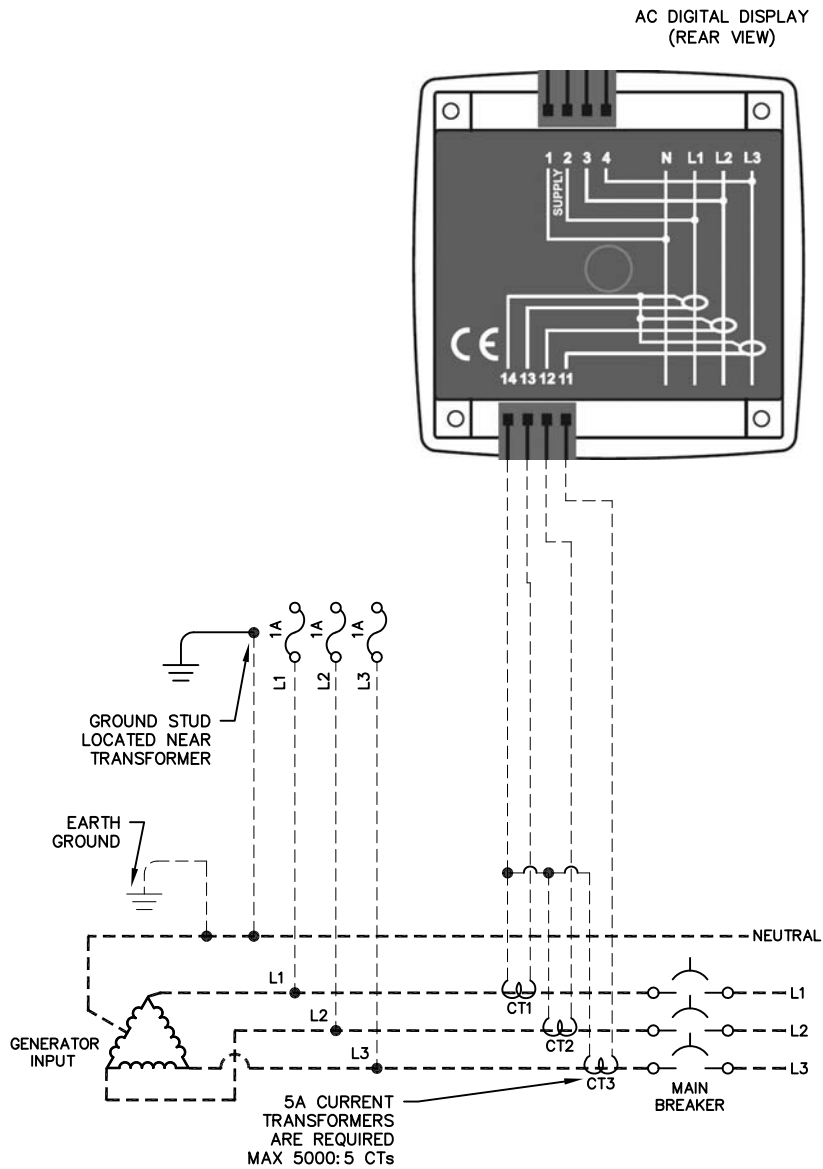
TYPICAL CUSTOMER WIRING FOR 3 PHASE 4 WIRE WYE APPLICATION

AC DIGITAL DISPLAY
(REAR VIEW)



C	ADDED "FREQ" WIRE; ADDED PAGE 3; ADDED MPU		
REV.	HOOKUP INSTRUCTIONS. (06/20/18) MR (IPD) AU CHANGES MADE		
MURPHY <small>by an OMEGA CONTROL</small>			
DRAWN BY:	MR	E.R.NO.	IPD
DATE:	01/05/18	CHKD. BY:	AU
		APPD. BY:	AU
MODEL:	GENSET, MPC-10 PANEL ASSY		
DRAWING NO.	SHEET 2 OF 6	SIZE	REV.
75-07-0042		C	C

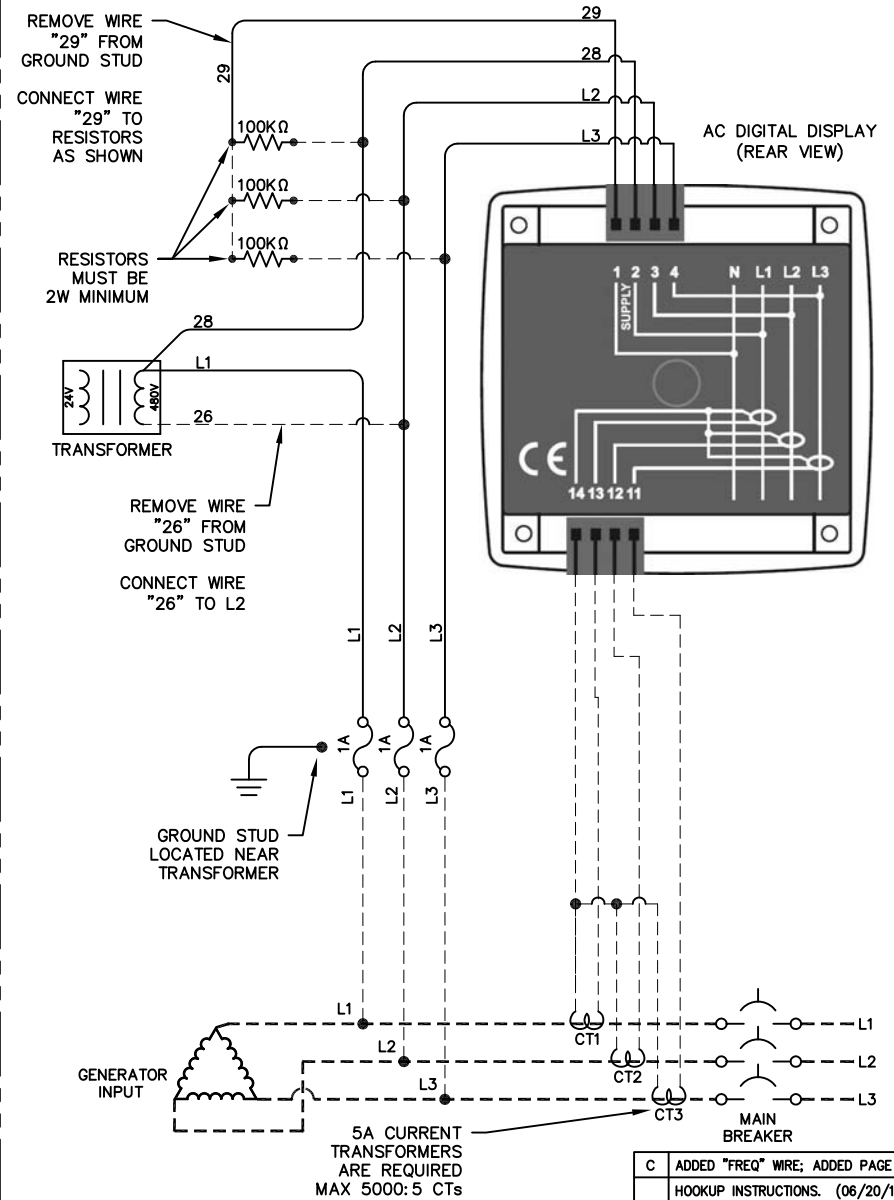
TYPICAL CUSTOMER WIRING FOR SPLIT PHASE DELTA APPLICATION



NOTES:

1. ——— MURPHY WIRING.
2. - - - - - CUSTOMER WIRING.

TYPICAL CUSTOMER WIRING FOR 3 PHASE DELTA APPLICATION

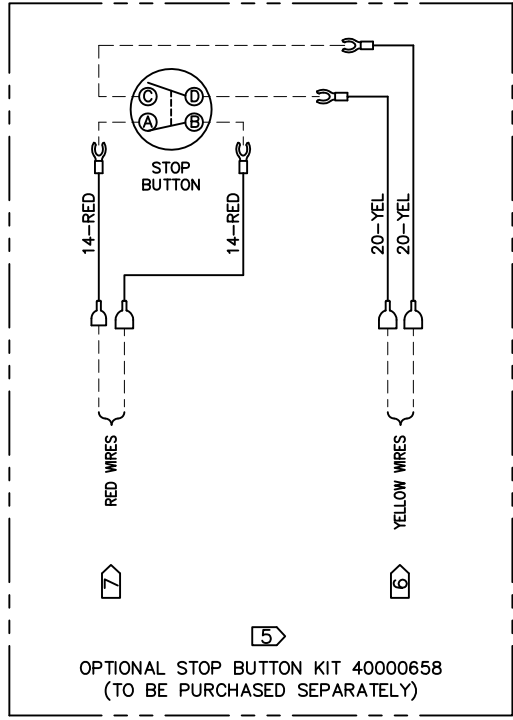


C	ADDED "FREQ" WIRE; ADDED PAGE 3; ADDED MPU
REV.	HOOKUP INSTRUCTIONS. (06/20/18) MR (IPD) AU CHANGES MADE

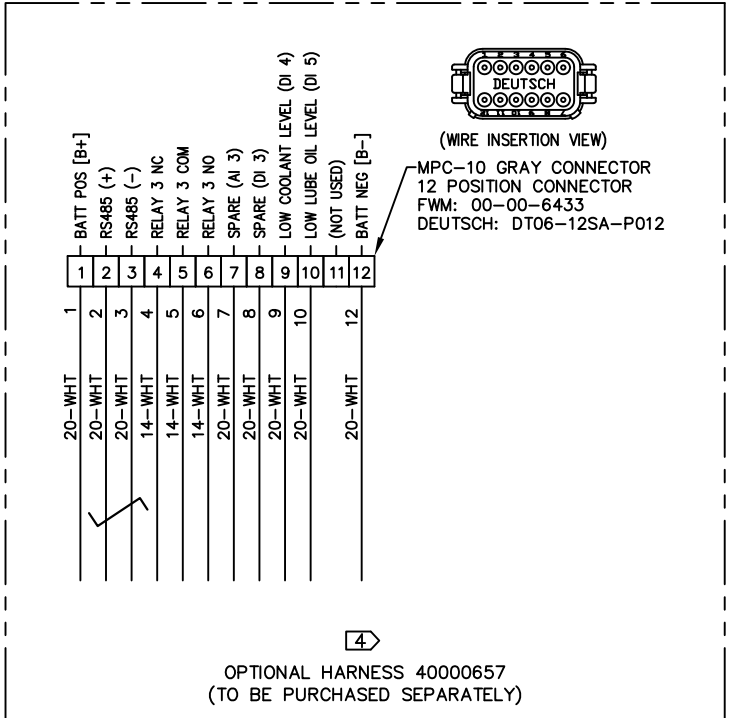
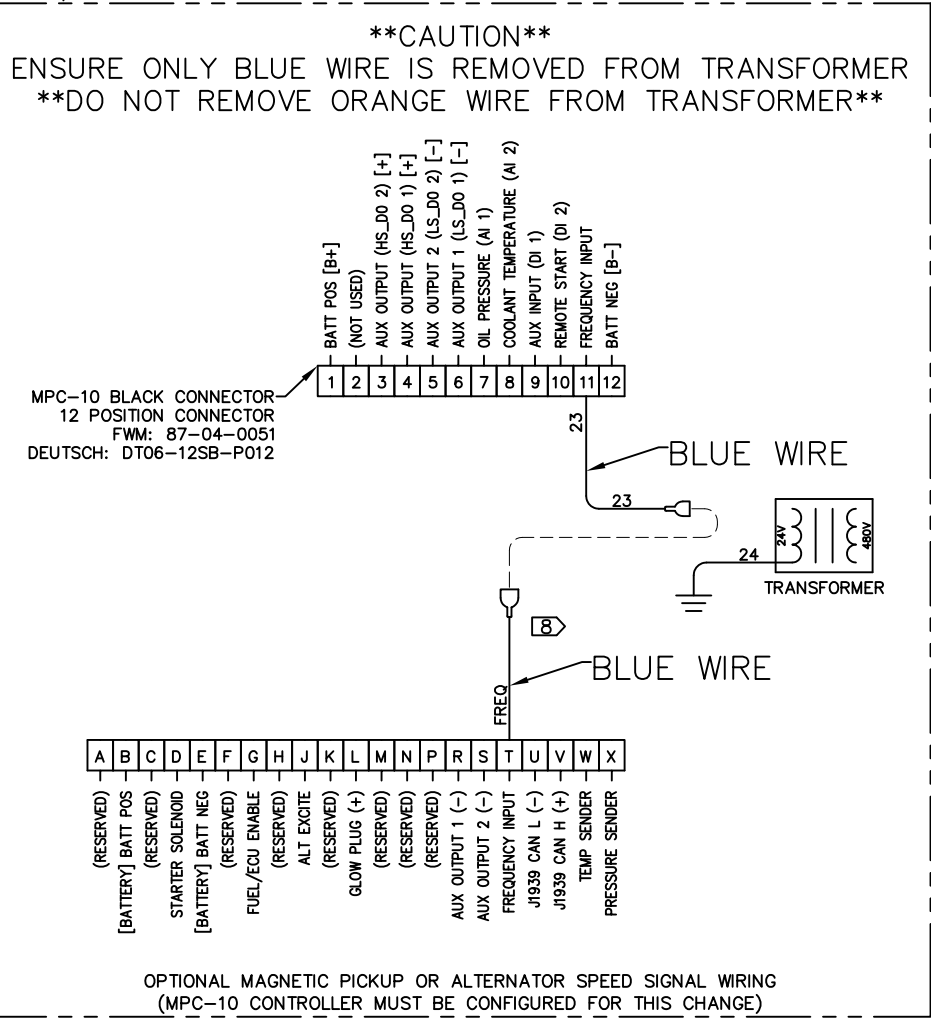
MURPHY
by an Emerson Controls

DRAWN BY: MR	E.R.NO. IPD
DATE: 01/05/18	CHKD. BY: AU APPD. BY: AU
MODEL: GENSET, MPC-10 PANEL ASSY	
DRAWING NO. SHEET 3 OF 6	SIZE REV.
75-07-0042	C C

OPTIONAL COMPONENTS / OPTIONAL WIRING



OPTIONAL STOP BUTTON KIT 40000658
(TO BE PURCHASED SEPARATELY)



NOTES:

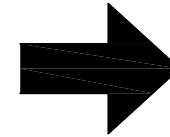
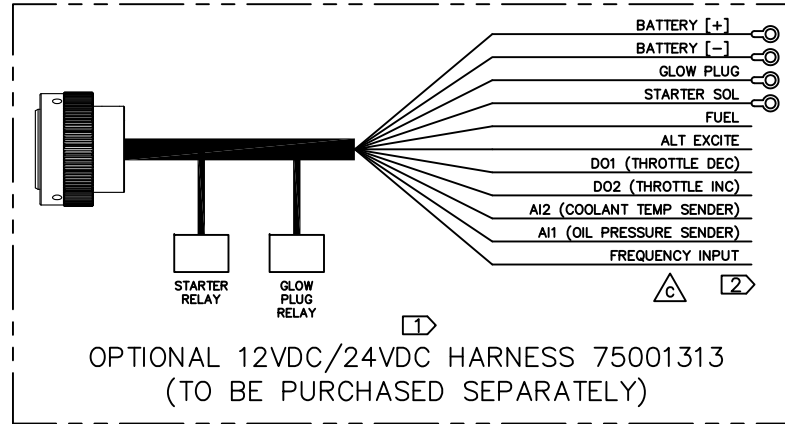
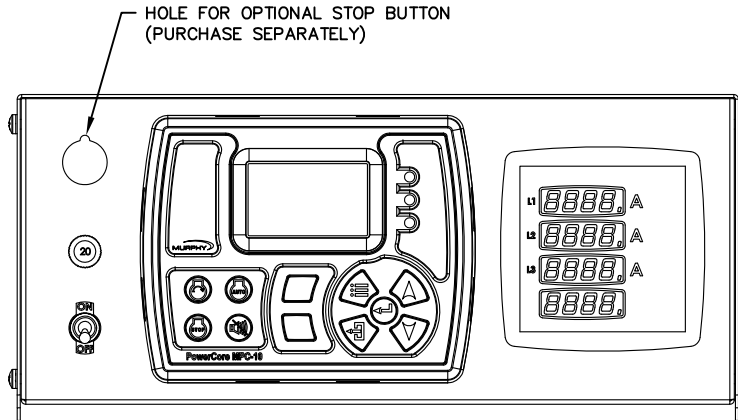
1. ALL DC WIRES TO BE 18 GA, WHITE, 600V EXCEPT WHERE NOTED.
2. ALL AC WIRES TO BE 18 GA, ORANGE, 600V EXCEPT WHERE NOTED.
3. TWISTED WIRES OR SHIELDED CABLE. APPROXIMATELY ONE TWIST PER INCH.
4. UNUSED CONNECTOR POSITIONS SHOULD BE PLUGGED WITH SEALING PLUG.

CUSTOMER NOTES:

4. OPTIONAL HARNESS 40000657 AVAILABLE FOR PURCHASE.
5. OPTIONAL STOP BUTTON KIT 40000658 AVAILABLE FOR PURCHASE.
6. BOTH YELLOW WIRES WITH STOP BUTTON TO BE CONNECTED TO YELLOW WIRES INSIDE PANEL AS SHOWN ABOVE. EACH WIRE ON STOP BUTTON CAN BE CONNECTED TO EITHER YELLOW WIRE INSIDE PANEL.
7. OPTIONAL FUEL/ECU ENABLE CIRCUIT. IF NEEDED, THE STOP BUTTON CAN DISCONNECT THE FUEL/ECU ENABLE OUTPUT. TO USE THIS FEATURE, DISCONNECT THE FEMALE/MALE TERMINALS ON THE RED WIRE INSIDE PANEL AND RECONNECT THESE WIRES TO THE SUPPLIED RED WIRES ON THE STOP BUTTON AS SHOWN ABOVE.
8. REMOVE BLUE WIRE LABELED "23" FROM THE TRANSFORMER (24V SIDE) BY PULLING THE FEMALE QUICK DISCONNECT TERMINAL OFF OF THE TRANSFORMER. DO NOT REMOVE ORANGE WIRES. RECONNECT THE FEMALE QUICK DISCONNECT TERMINAL ON WIRE "23" TO MALE QUICK DISCONNECT TERMINAL ON BLUE WIRE LABELED "FREQ". WIRE "FREQ" IS CONNECTED TO THE 21 POSITION CONNECTOR.

C	ADDED "FREQ" WIRE; ADDED PAGE 3; ADDED MPU		
REV.	HOOKUP INSTRUCTIONS. (06/20/18) MR (IPD) AU		
	CHANGES MADE		
MURPHY <small>by an Emerson Controls</small>			
DRAWN BY:	MR	E.R.NO.IPD	
DATE:	01/05/18	CHKD. BY:	AU
		APPD. BY:	AU
MODEL:	GENSET, MPC-10 PANEL ASSY		
DRAWING NO.	SHEET 4 OF 6	SIZE	REV.
75-07-0042		C	C

MECHANICAL ENGINE HOOKUP

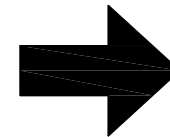
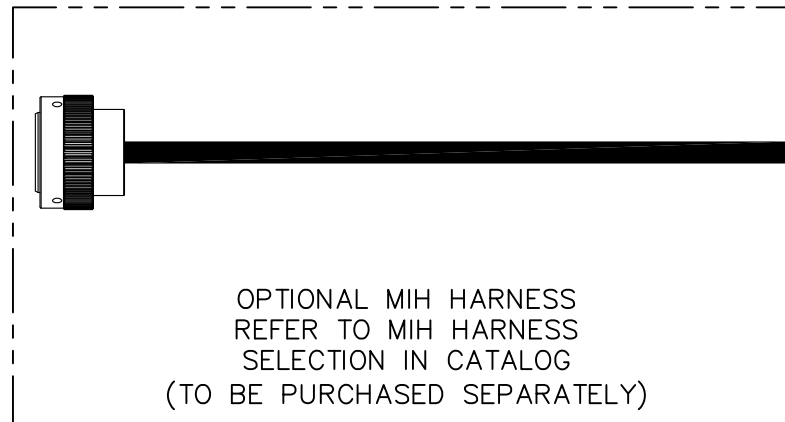
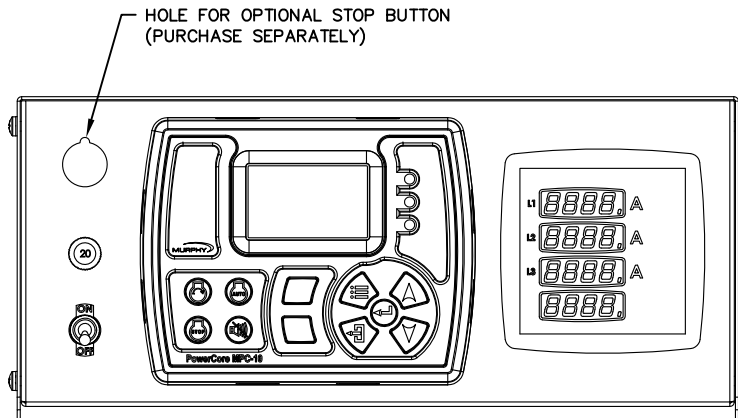


CUSTOMER'S
RESPONSIBILITY
TO CONNECT
TO ENGINE

CUSTOMER NOTES

- OPTIONAL HARNESS 75001313 CAN BE USED ON 24VDC ENGINES BY REPLACING 12VDC RELAYS WITH 24VDC RELAYS PROVIDED WITH HARNESS.
- OPTIONAL WIRE FOR USE WITH MAGNETIC PICKUP OR ALTERNATOR SPEED SIGNAL.

ELECTRONIC ENGINE HOOKUP






CUSTOMER'S
RESPONSIBILITY
TO CONNECT
TO ENGINE



C	ADDED "FREQ" WIRE; ADDED PAGE 3; ADDED MPU		
	HOOKUP INSTRUCTIONS. (06/20/18) MR (IPD) AU		
REV.	CHANGES MADE		
MURPHY <small>by an OMEGA CONTROL</small>			
DRAWN BY:	MR	E.R.NO. IPD	
DATE:	01/05/18	CHKD. BY:	AU APPD. BY: AU
MODEL:	GENSET, MPC-10 PANEL ASSY		
DRAWING NO.	SHEET 5 OF 6	SIZE	REV.
75-07-0042		C	C

DIGITAL MULTIMETER SETUP AND MENU NAVIGATION

ADJUSTING THE CT RATIO

BUTTON	FUNCTION
	<p>In order to CT ratio configuration menu, hold both MENU buttons pressed for 2 seconds.</p>  <p>Now adjust the desired CT primary rating with MENU buttons.</p> <p>If no button is pressed for 30 seconds, the configuration mode is automatically terminated.</p> <p>Configuration mode may be also exited by holding both MENU buttons pressed.</p>
	

MENU NAVIGATION

BUTTON	FUNCTION
	<p>In order to change the bottom display, push one of the MENU buttons until the desired value appears.</p>
	

L1
VOLTAGE



L2
VOLTAGE



L3
VOLTAGE



L1-L2
VOLTAGE



L2-L3
VOLTAGE





L3-L1
VOLTAGE



FREQUENCY

PUSHBUTTON FUNCTIONS

Three buttons on the front panel provide access to configuration and measurement screens.

BUTTON	FUNCTION
	<ul style="list-style-type: none"> Upper screen Increase related value (config mode)
	<ul style="list-style-type: none"> Lower screen Decrease related value (config mode)
	<p>NO BUTTON PRESSED FOR 5 MINUTES: returns to the main display screen</p>

C	ADDED "FREQ" WIRE; ADDED PAGE 3; ADDED MPU		
	HOOKUP INSTRUCTIONS. (06/20/18) MR (IPD) AU		
REV.	CHANGES MADE		
MURPHY <small>by an INSTRUMENT CONTROLS</small>			
DRAWN BY:	MR	E.R.NO.	IPD
DATE:	01/05/18	CHKD. BY:	AU APPD. BY: AU
MODEL:	GENSET, MPC-10 PANEL ASSY		
DRAWING NO.	SHEET 6 OF 6	SIZE	REV.
75-07-0042		C	C