

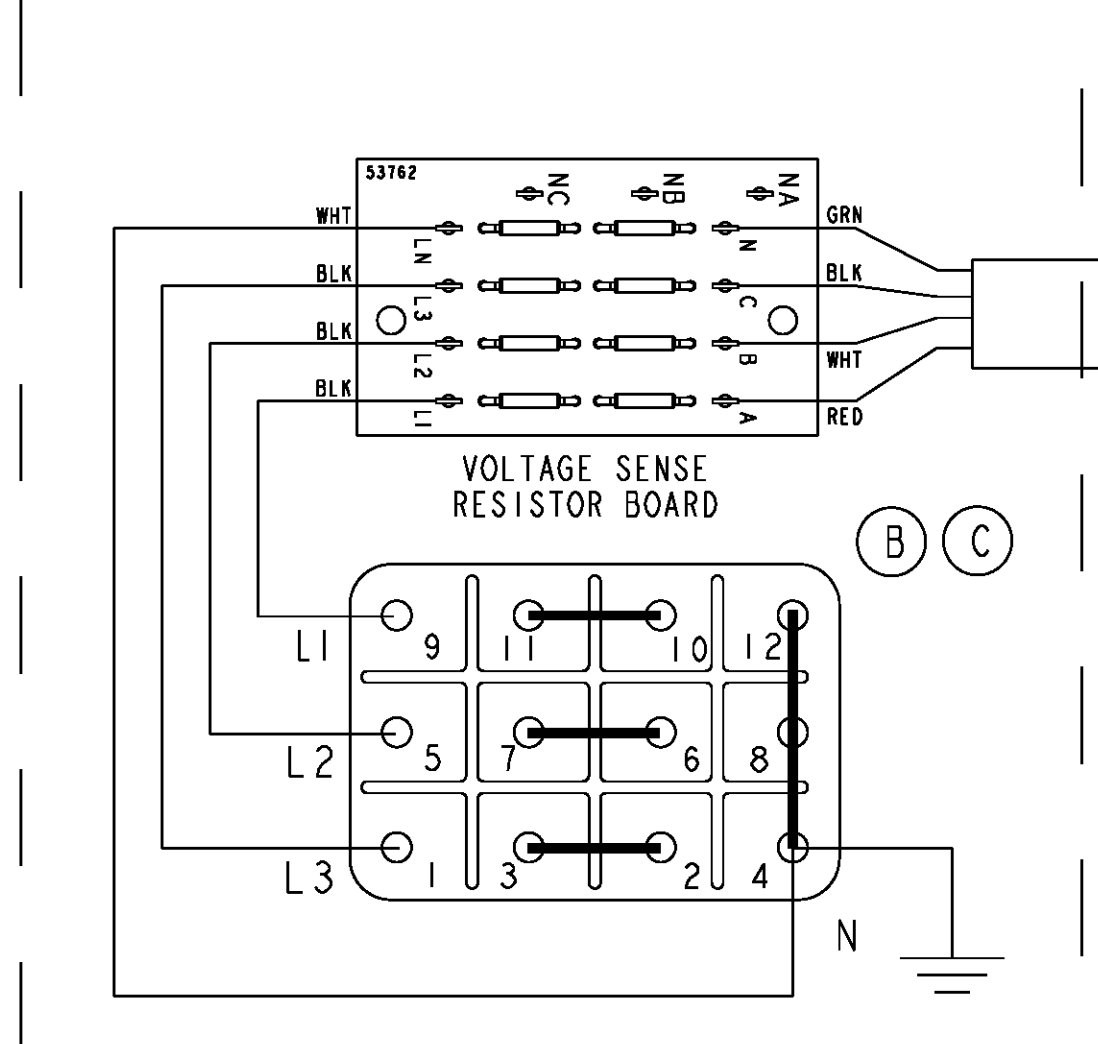
ECO NO.	DATE	REV.	REVISION RECORD	AUTH.	DR. BY
6235	8-23-2006	A	RELEASED TO SYSTEM.		GA
6289	12-19-2006	B	ADDED 1 AMP FUSE, FIRE SUPPRESSION SYSTEM AND TERMINAL STRIPS TO THE WIRING DIAGRAM. ADDED OPTIONAL REMOTE S/S CONNECTION.		GA
6297	1-5-2006	C	P2-PIN 24 WAS CONNECTED TO K1-PIN 86.		GA
6309	2-1-2007	D	REROUTE K1-30 (16-RED) TO K1-86. REMOVE JUMPER WIRE (16-RED) BETWEEN K2-30 AND K3-30. REROUTE K3-86 (16-WHT/RED) TO K3-30. ADD JUMPER WIRE (16-RED) BETWEEN K3-30 AND K3-86. REROUTE K3-30 (12-RED) TO K2-30.		GA
6350	6-30-2007	E	ADDED T-ADAPTER CONNECTION. ADDED OPTIONAL POWER SOURCE.		GA
6443	1-17-2008	F	SHOW WESTERLINK TERMINAL BLOCK WIRING CONFIGURATION.		GA
6629	8-25-2009	G	UPDATE VOLTAGE SENSE BOARD AND CLARIFY CIRCUIT BRK CONNECTION.		GA
6722	9-14-2010	H	UPDATED AND COMBINED 3P AND 1P. ADDED NETWORK NOTES AND INFO. ADDED CIRK BRKR INSTEAD OF FUSE.		GMA

NOTES:

- EXTERNAL ALARM SYSTEM CONNECTION IS NOT A POWER SOURCE. CIRCUIT LOGIC IS CLOSED TO RUN / OPEN TO STOP GENSET.
- FOR NMEA-2000: CONNECT 1AMP FUSE/BREAKER WIRE TO C2 (AS SHOWN - DC BREAKER DOES NOT CONTROL NETWORK POWER) FOR WESTERLINK: CONNECT 1AMP FUSE/BREAKER WIRE TO S2?(DC BREAKER CONTROLS NETWORK POWER)
- ECU WILL NOT POWER UP UNLESS NETWORK POWER IS PRESENT ON ECU P2-13. POWER IS SUPPLIED VIA THE NETWORK CABLE TO THE ECU. POWERING DOWN THE NMEA-2000 NETWORK WHILE THE GENSET IS RUNNING WILL SHUT DOWN THE GENSET.
- IF THE NMEA-2000 NETWORK IS POWERED FROM A SOURCE EXTERNAL TO THE GENSET, THE INTERNAL NETWORK POWER SUPPLY CONNECTOR IN THE PANEL BOX MUST BE DISCONNECTED FROM THE 4-WAY TEE.
- FOR MULTIPLE GENSETS CONNECTED TO THE SAME NMEA-2000 NETWORK - IF ONE GENSET IS SUPPLYING POWER TO THE NETWORK, THE OTHER GENSET MUST HAVE ITS INTERNAL NETWORK POWER SUPPLY DISCONNECTED FROM THE 4-WAY TEE.
- WHENEVER NMEA-2000 NETWORK POWER IS CYCLED OFF AND BACK ON, THE GENSET MAY NEED TO BE STOPPED AND THE DC CIRCUIT BREAKER CYCLED TO RESTORE PROPER NETWORK COMMUNICATIONS.
- SEE NETWORK HARDWARE INSTALLATION GUIDE 53076 FOR MORE INFORMATION ABOUT NETWORKING.
- DIGITAL DISPLAY MUST BE RECONFIGURED WHEN CHANGING ANY OF THE FOLLOWING SETTINGS:
 ?A) CHANGING AC WIRING BETWEEN WYE AND DELTA CONFIGURATION
 ?B) CHANGING AC WIRING BETWEEN 2-WIRE 1-PHASE AND 3-WIRE 1-PHASE
 ?C) CHANGING BACKEND BETWEEN 1-PHASE AND 3-PHASE.

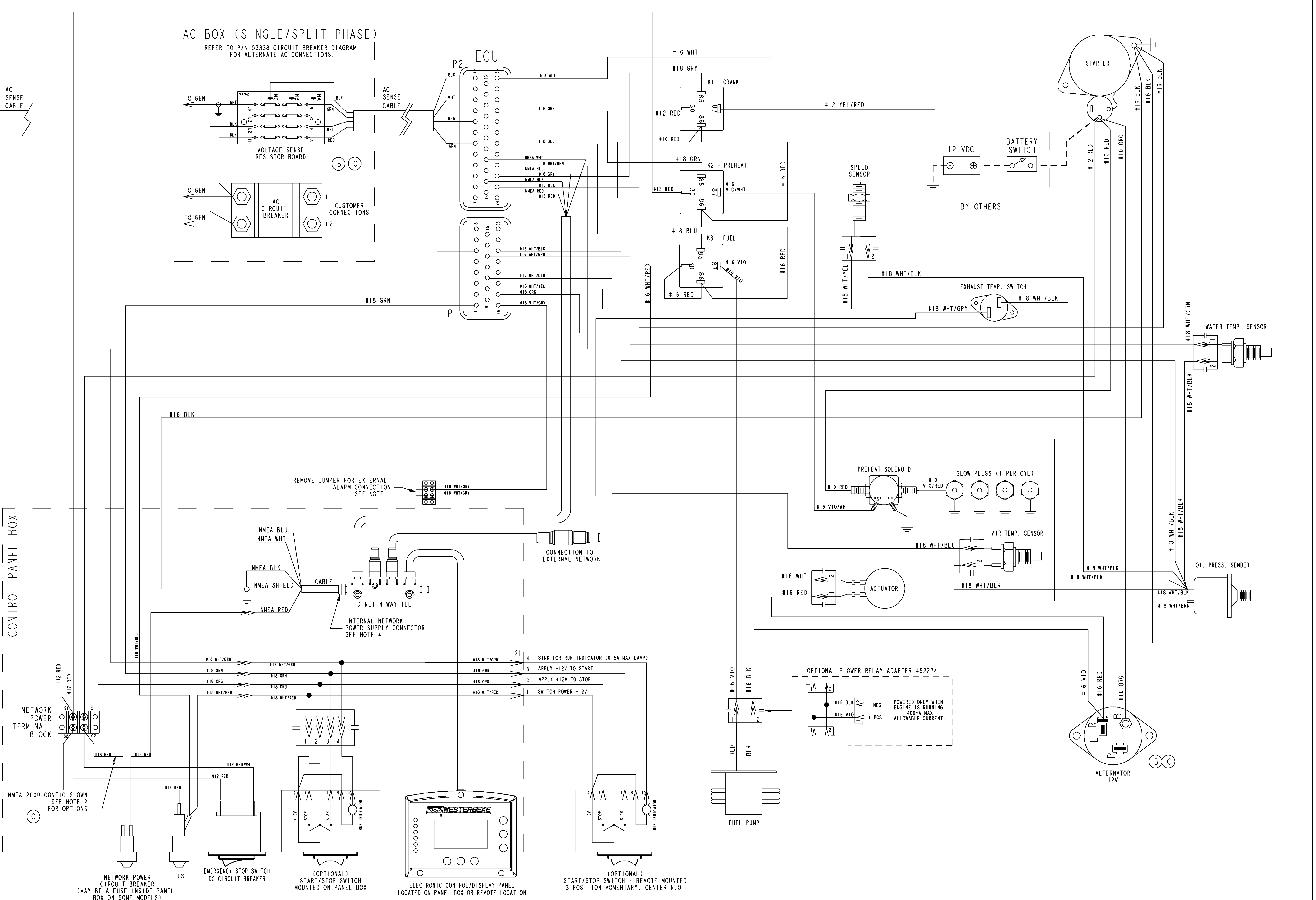
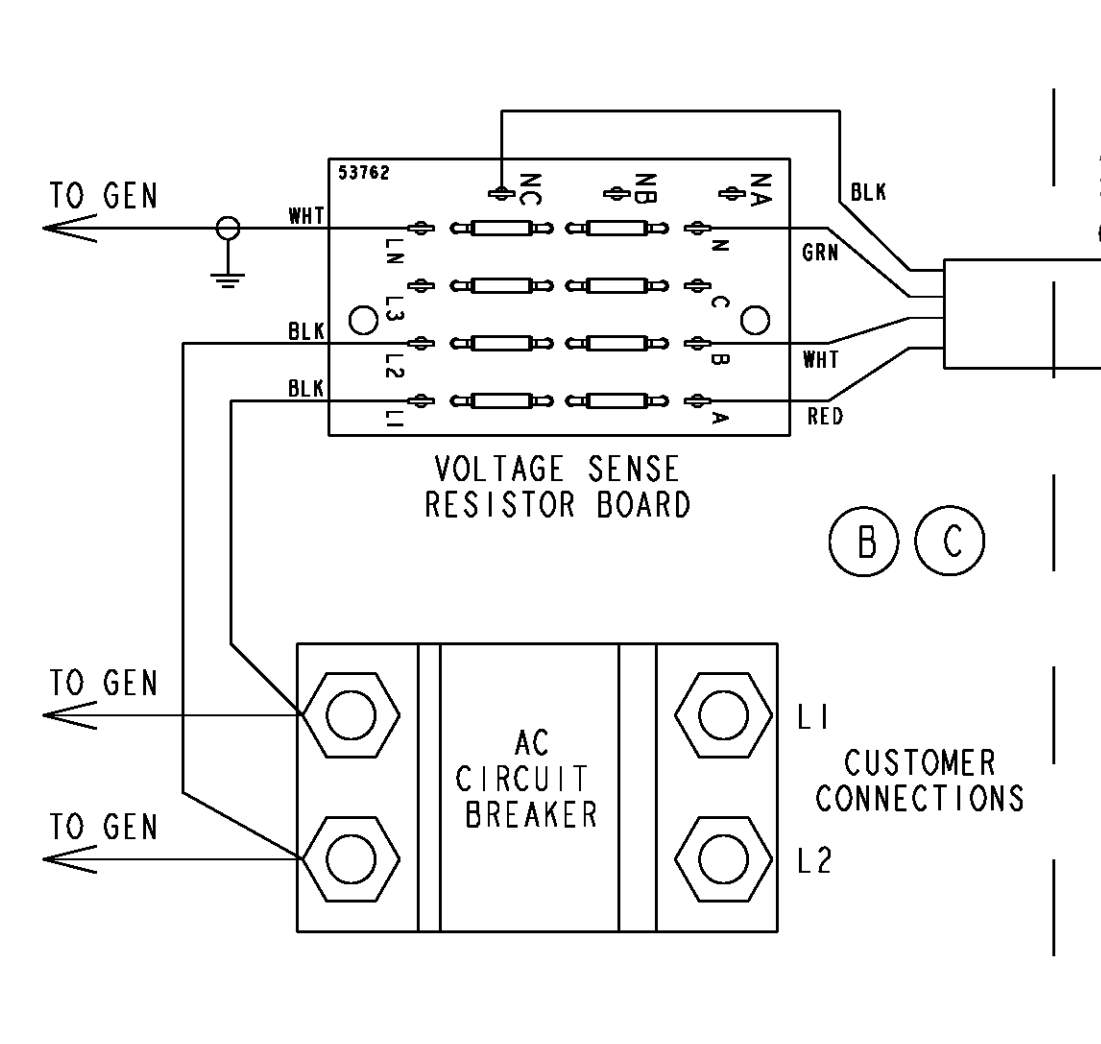
AC BOX (THREE PHASE)

3 PHASE CONNECTIONS SHOWN ARE CONFIGURED FOR SERIES WYE REFER TO OPERATOR MANUAL FOR OTHER AC WIRING

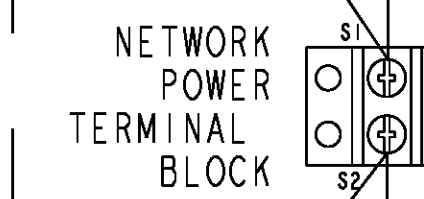


AC BOX (SINGLE/SPLIT PHASE)

REFER TO P/N 53338 CIRCUIT BREAKER DIAGRAM FOR ALTERNATE AC CONNECTIONS.



CONTROL PANEL BOX



NMEA-2000 CONFIG SHOWN SEE NOTE 2 FOR OPTIONS

NETWORK POWER CIRCUIT BREAKER (MAY BE A FUSE INSIDE PANEL BOX ON SOME MODELS)

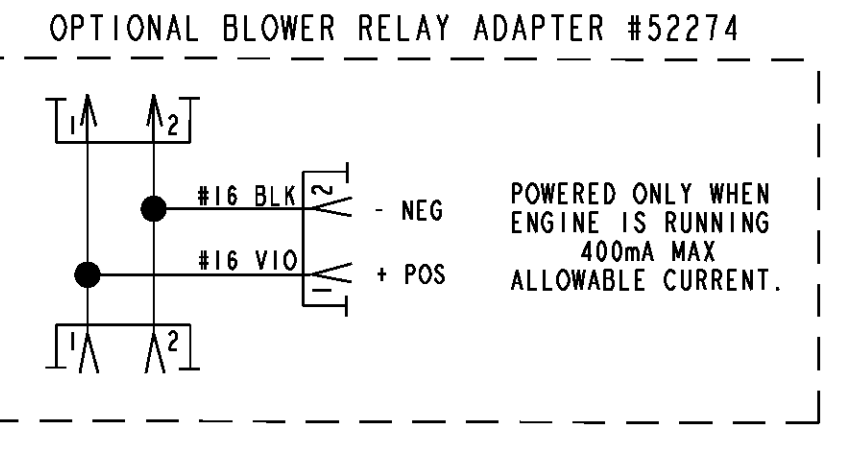
FUSE

EMERGENCY STOP SWITCH DC CIRCUIT BREAKER

(OPTIONAL) START/STOP SWITCH MOUNTED ON PANEL BOX

ELECTRONIC CONTROL/DISPLAY PANEL LOCATED ON PANEL BOX OR REMOTE LOCATION

(OPTIONAL) START/STOP SWITCH - REMOTE MOUNTED 3 POSITION MOMENTARY, CENTER N.O.



TOLERANCES (UNLESS OTHERWISE NOTED)		WESTERBEKE CORPORATION TAUNTON, MA. 02780	
INCHES	MILLIMETERS	TITLE	DGGENSET WIRE 5.5 EDC, 7.6-15.0 EDT
.XX	.02	X ± 1.0	12V D-NET (WESTERLINK & NMEA 2000)
.XXX	.005	CAST	
.XXX	.03	XX ± .13	
ANGLES	°		
F INCHES	±		
DIMENSIONS	INCHES	DATE	21/Jul/06
← INCHES →	SCALE NONE	APPROVED BY	GA
(WHEN APPLICABLE)	SHT. 1 OF 1	SIZE	DRAWING NUMBER
			52793
		REV.	H