

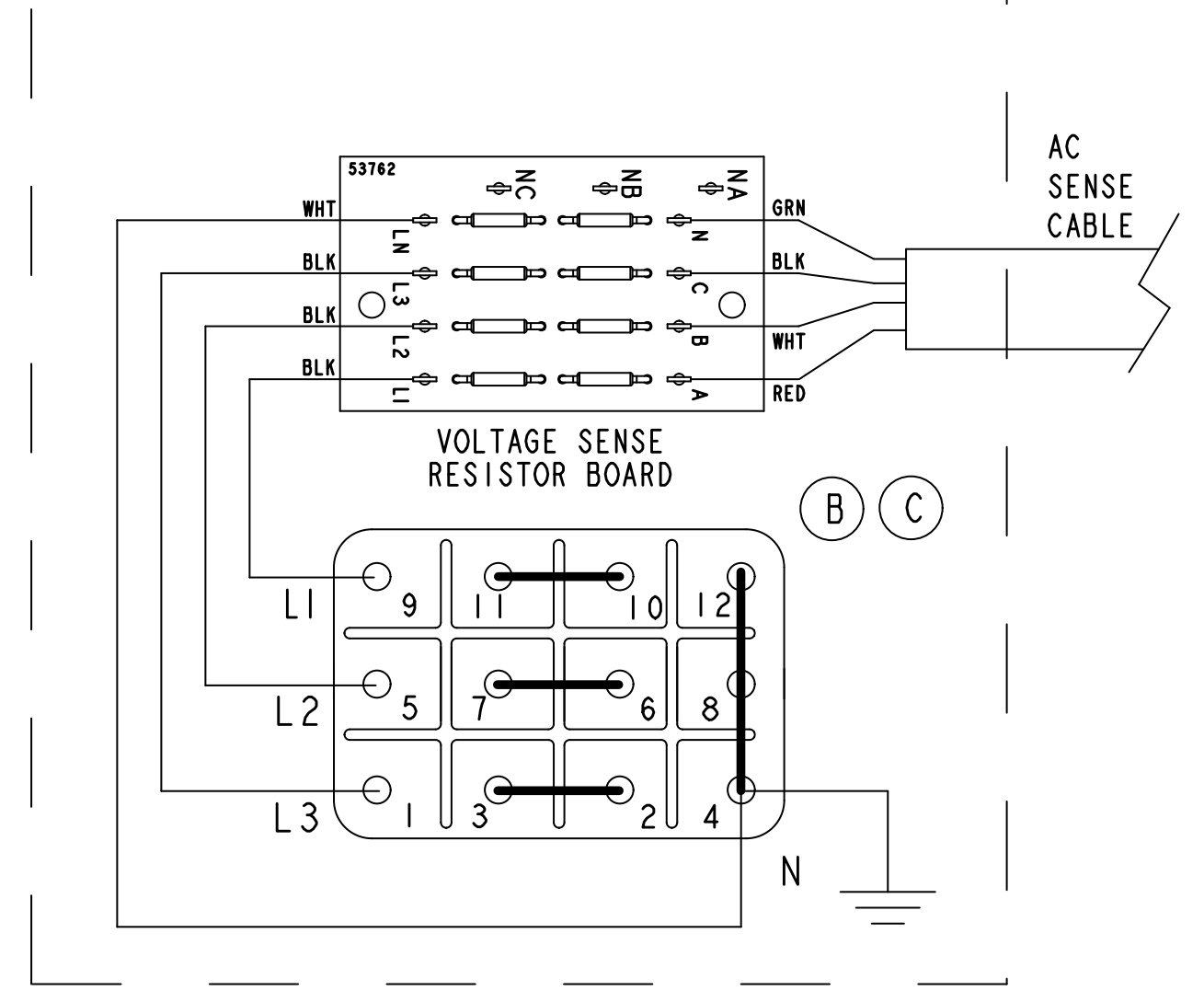
ECO NO.	DATE	REV.	REVISION RECORD	AUTH.	DR. BY
6235	8-23-2006	A	RELEASED TO SYSTEM.		GA
6289	12-19-2006	B	ADDED 1 AMP FUSE, FIRE SUPPRESSION SYSTEM AND TERMINAL STRIPS TO THE WIRING DIAGRAM. ADDED OPTIOINAL REMOTE S/S CONNECTION.		GA
6297	1-5-2006	C	P2-PIN 24 WAS CONNECTED TO K1-PIN 86.		GA
6309	2-1-2007	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	8-20-2007	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 CTRK BRKR INSTEAD OF FUSE.		GMA
7077	7-11-2014	J	ADD NEW MODELS.		GA

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 S21(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:  
7A) CHANGING AC WIRING BETWEEN WYE AND DELTA CONFIGURATION  
7B) CHANGING AC WIRING BETWEEN 2-WIRE 1-PHASE AND 3-WIRE 1-PHASE  
7C) CHANGING BACKEND BETWEEN 1-PHASE AND 3-PHASE.

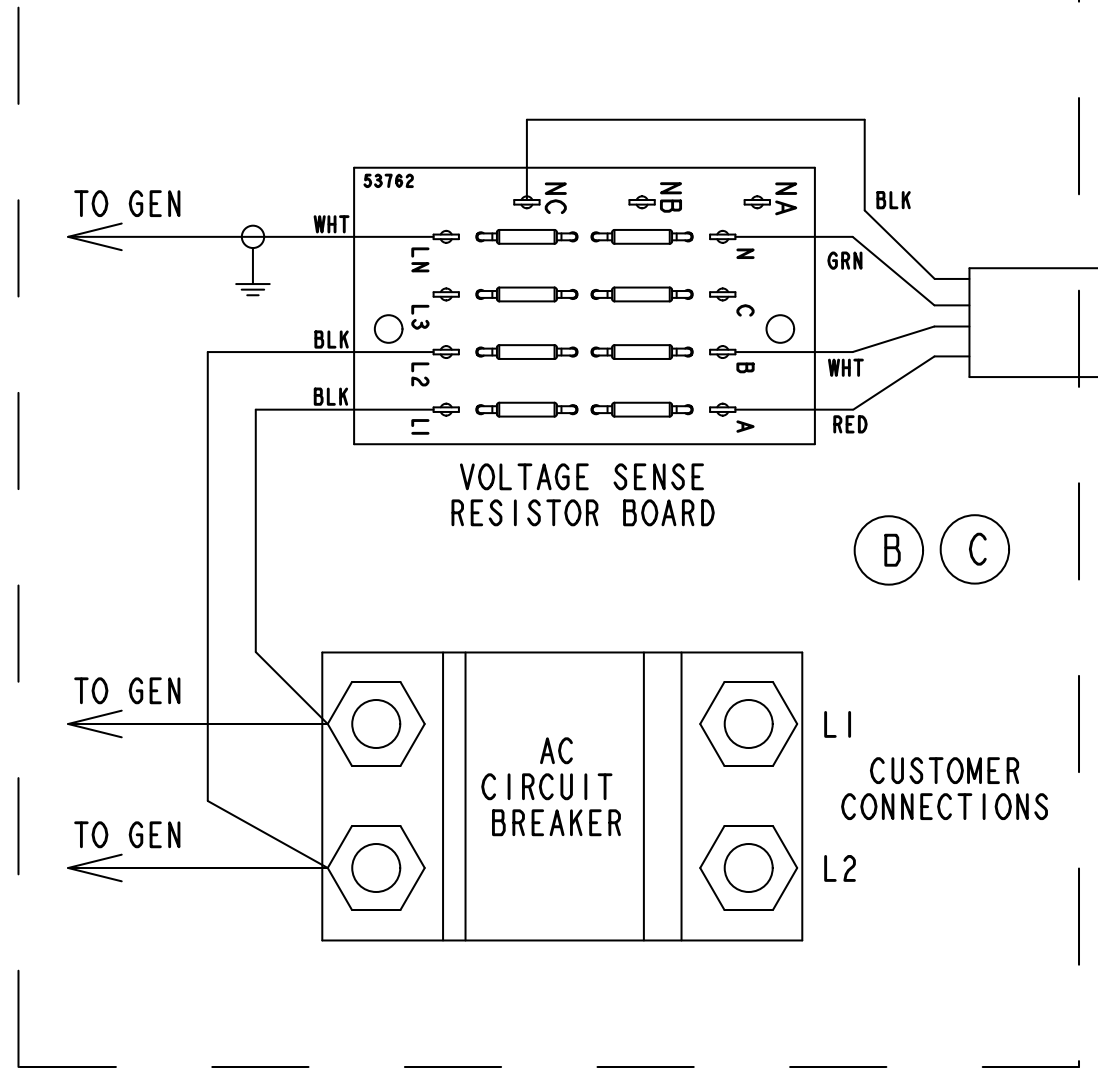
AC BOX (THREE PHASE)

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

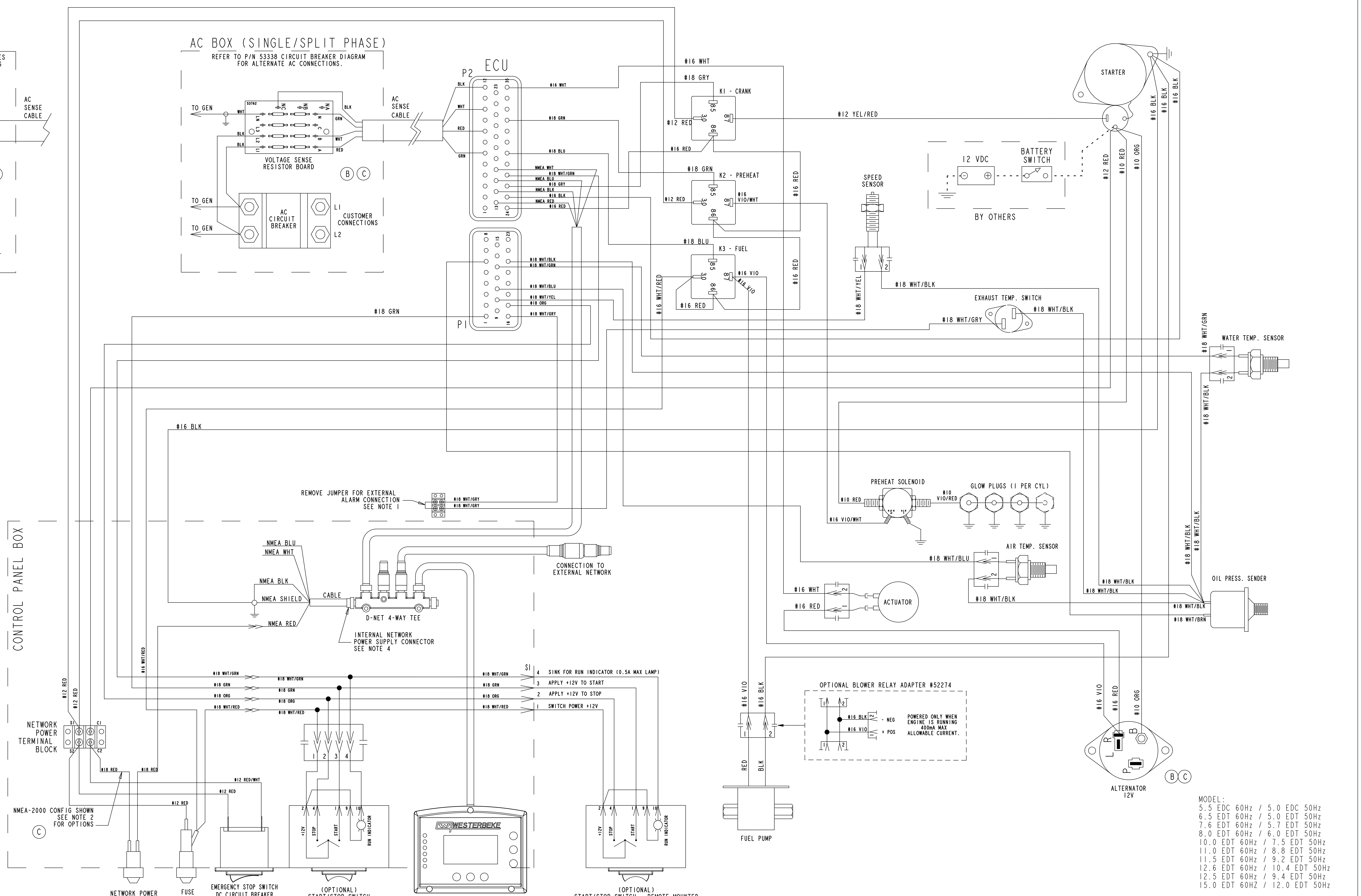


AC BOX (SINGLE/SPLIT PHASE)

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



CONTROL PANEL BOX



MODEL:

5.5 EDC	60Hz / 5.0 EDC	50Hz
6.5 EDT	60Hz / 5.0 EDT	50Hz
7.6 EDT	60Hz / 5.7 EDT	50Hz
8.0 EDT	60Hz / 6.0 EDT	50Hz
10.0 EDT	60Hz / 7.5 EDT	50Hz
11.0 EDT	60Hz / 8.8 EDT	50Hz
11.5 EDT	60Hz / 9.2 EDT	50Hz
12.6 EDT	60Hz / 10.4 EDT	50Hz
12.5 EDT	60Hz / 9.4 EDT	50Hz
15.0 EDT	60Hz / 12.0 EDT	50Hz

TOLERANCES (UNLESS OTHERWISE NOTED)		WESTERBEKE	
INCHES	MILLIMETERS	TITLE	
.XX ± .01	.XX ± .13	DGGENSET WIRE 5.5 EDC, 6.5-15.0 EDT	
.XX ± .02	.XX ± .15	12V D-NET (WESTERLINK & NMEA 2000)	
CAST	FINISH	DATE	MATERIAL
FINISH		21/Jul/06	
DIMENSIONS (WHEN APPLICABLE)		APPROVED BY	DATE
INCHES		SCALE NONE	SIZE
MILLIMETERS		DRAWING NUMBER	
		E 52793	
		REV. J	