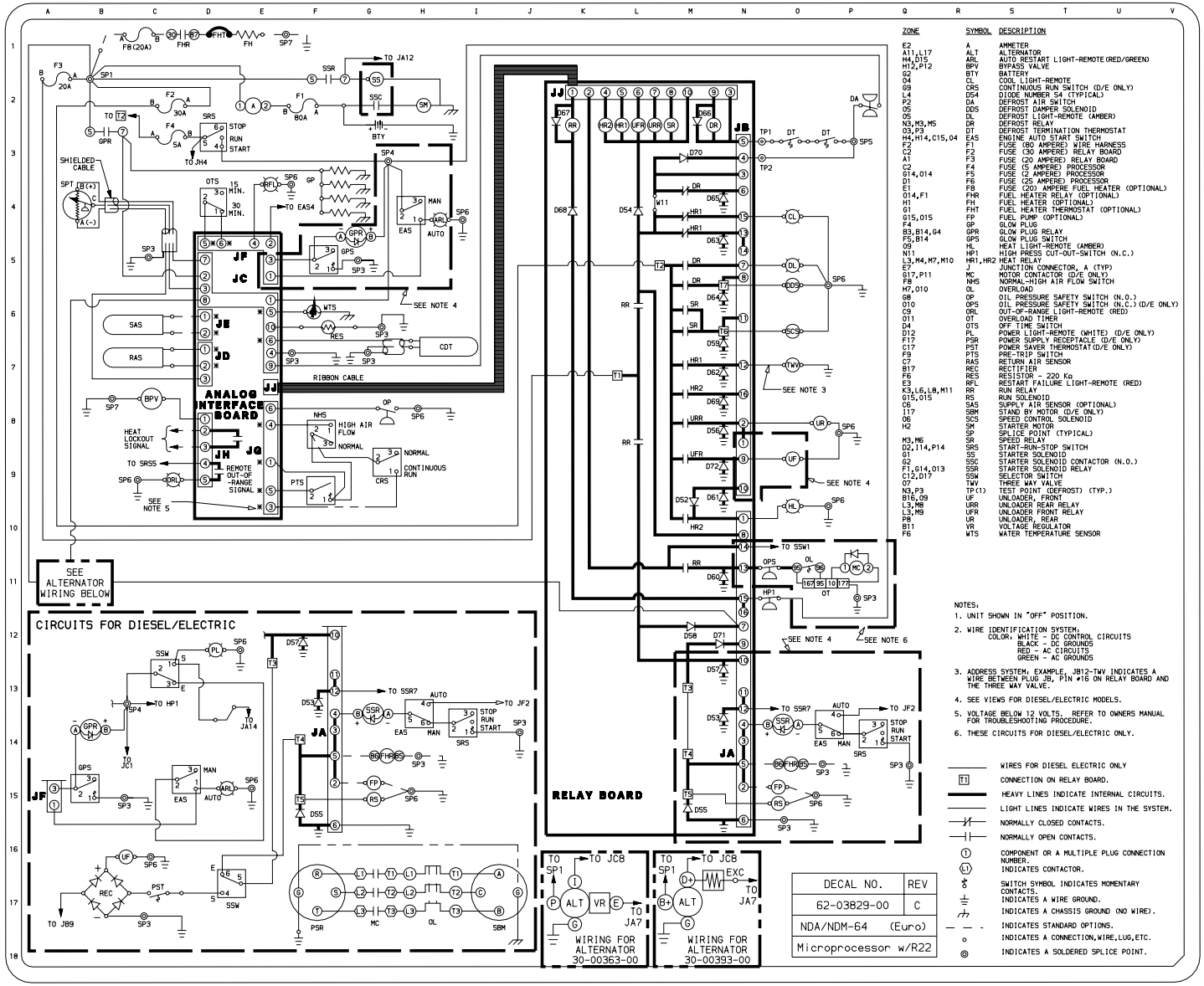

ZONE	SYMBOL	DESCRIPTION
E2	A	AMMETER
A11,L17	ALT	ALTERNATOR
H4,D15	ARL	AUTO RESTART LIGHT-REMOTE (RED/GREEN)
H12,P12	BPV	BYPASS VALVE
G2	BTY	BATTERY
O4	CL	COOL LIGHT-REMOTE
G9	CRS	CONTINUOUS RUN SWITCH (D/E ONLY)
L4	DS4	DIODE NUMBER S4 (TYPICAL)
P2	DA	DEFROST AIR SWITCH
O5	DDS	DEFROST DAMPER SOLENOID
O6	DL	DEFROST LIGHT-REMOTE (AMBER)
N3,M3,M5	DR	DEFROST RELAY
O3,P3	DT	DEFROST TERMINATION THERMOSTAT
H4,H14,C15,O4	EAS	ENGINE AUTO START SWITCH
F2	F1	FUSE (80 AMPERE) WIRE HARNESS
C2	F2	FUSE (30 AMPERE) RELAY BOARD
A1	F3	FUSE (20 AMPERE) RELAY BOARD
C2	F4	FUSE (5 AMPERE) PROCESSOR
G14,O14	F5	FUSE (2 AMPERE) PROCESSOR
D1	F6	FUSE (25 AMPERE) PROCESSOR
E1	F8	FUSE (20) AMPERE FUEL HEATER (OPTIONAL)
O14,F1	FHR	FUEL HEATER RELAY (OPTIONAL)
H1	FH	FUEL HEATER (OPTIONAL)
G1	FHT	FUEL HEATER THERMOSTAT (OPTIONAL)
G15,O15	FP	FUEL PUMP (OPTIONAL)
F4	GP	GLOW PLUG
B3,B14,G4	GPR	GLOW PLUG RELAY
F5,B14	GPS	GLOW PLUG SWITCH
O9	HL	HEAT LIGHT-REMOTE (AMBER)
N11	HP1	HIGH PRESS CUT-OUT-SWITCH (N.C.)
L3,M4,M7,M10	HR1,HR2	HEAT RELAY
E7	J	JUNCTION CONNECTOR, A (TYP)
G17,P11	MC	MOTOR CONTACTOR (D/E ONLY)
F8	NHS	NORMAL-HIGH AIR FLOW SWITCH
H7,O10	OL	OVERLOAD
G8	OP	OIL PRESSURE SAFETY SWITCH (N.O.)
O10	OPS	OIL PRESSURE SAFETY SWITCH (N.C.) (D/E ONLY)
C9	ORL	OUT-OF-RANGE LIGHT-REMOTE (RED)
O11	OT	OVERLOAD TIMER
D4	OTS	OFF TIME SWITCH
D12	PL	POWER LIGHT-REMOTE (WHITE) (D/E ONLY)
F17	PSR	POWER SUPPLY RECEPTACLE (D/E ONLY)
C17	PST	POWER SAVER THERMOSTAT (D/E ONLY)
F9	PTS	PRE-TRIP SWITCH
C7	RAS	RETURN AIR SENSOR
B17	REC	RECTIFIER
F6	RES	RESISTOR - 220 Ko.
E3	RFL	RESTART FAILURE LIGHT-REMOTE (RED)
K3,L6,L8,M11	RR	RUN RELAY
G15,O15	RS	RUN SOLENOID
O6	SAS	SUPPLY AIR SENSOR (OPTIONAL)
I17	SBM	STAND BY MOTOR (D/E ONLY)
O6	SCS	SPEED CONTROL SOLENOID
H2	SM	STARTER MOTOR
	SP	SPLICE POINT (TYPICAL)
M3,M6	SR	SPEED RELAY
D2,I14,P14	SRS	START-RUN-STOP SWITCH
G1	SS	STARTER SOLENOID
G2	SSC	STARTER SOLENOID CONTACTOR (N.O.)
F1,G14,O13	SSR	STARTER SOLENOID RELAY
C12,D17	SSW	SELECTOR SWITCH
O7	TWV	THREE WAY VALVE
N3,P3	TP(1)	TEST POINT (DEFROST) (TYP.)
B16,O9	UF	UNLOADER, FRONT
L3,M8	URR	UNLOADER REAR RELAY
L3,M9	UFR	UNLOADER FRONT RELAY
P8	UR	UNLOADER, REAR
B11	VR	VOLTAGE REGULATOR
F6	WTS	WATER TEMPERATURE SENSOR

NOTES:

1. UNIT SHOWN IN "OFF" POSITION.
2. WIRE IDENTIFICATION SYSTEM:
   COLOR: WHITE - DC CONTROL CIRCUITS
   BLACK - DC GROUNDS
   RED - AC CIRCUITS
   GREEN - AC GROUNDS
3. ADDRESS SYSTEM: EXAMPLE: JB12-TWV INDICATES A WIRE BETWEEN PLUG JB, PIN #16 ON RELAY BOARD AND THE THREE WAY VALVE.
4. SEE VIEWS FOR DIESEL/ELECTRIC MODELS.
5. VOLTAGE BELOW 12 VOLTS. REFER TO OWNERS MANUAL FOR TROUBLESHOOTING PROCEDURE.
6. THESE CIRCUITS FOR DIESEL/ELECTRIC ONLY.

- WIRES FOR DIESEL ELECTRIC ONLY
- T1 — CONNECTION ON RELAY BOARD.
- HEAVY LINES INDICATE INTERNAL CIRCUITS.
- LIGHT LINES INDICATE WIRES IN THE SYSTEM.
- NORMALLY CLOSED CONTACTS.
- NORMALLY OPEN CONTACTS.
- (1) — COMPONENT OR A MULTIPLE PLUG CONNECTION NUMBER.
- (L1) — INDICATES CONTACTOR.
- SWITCH SYMBOL INDICATES MOMENTARY CONTACTS.
- INDICATES A WIRE GROUND.
- INDICATES A CHASSIS GROUND (NO WIRE).
- INDICATES STANDARD OPTIONS.
- INDICATES A CONNECTION, WIRE, LUG, ETC.
- INDICATES A SOLDERED SPLICE POINT.

DECAL NO.	REV
62-03829-00	C
NDA/NDM-64 (Euro)	
Microprocessor w/R22	