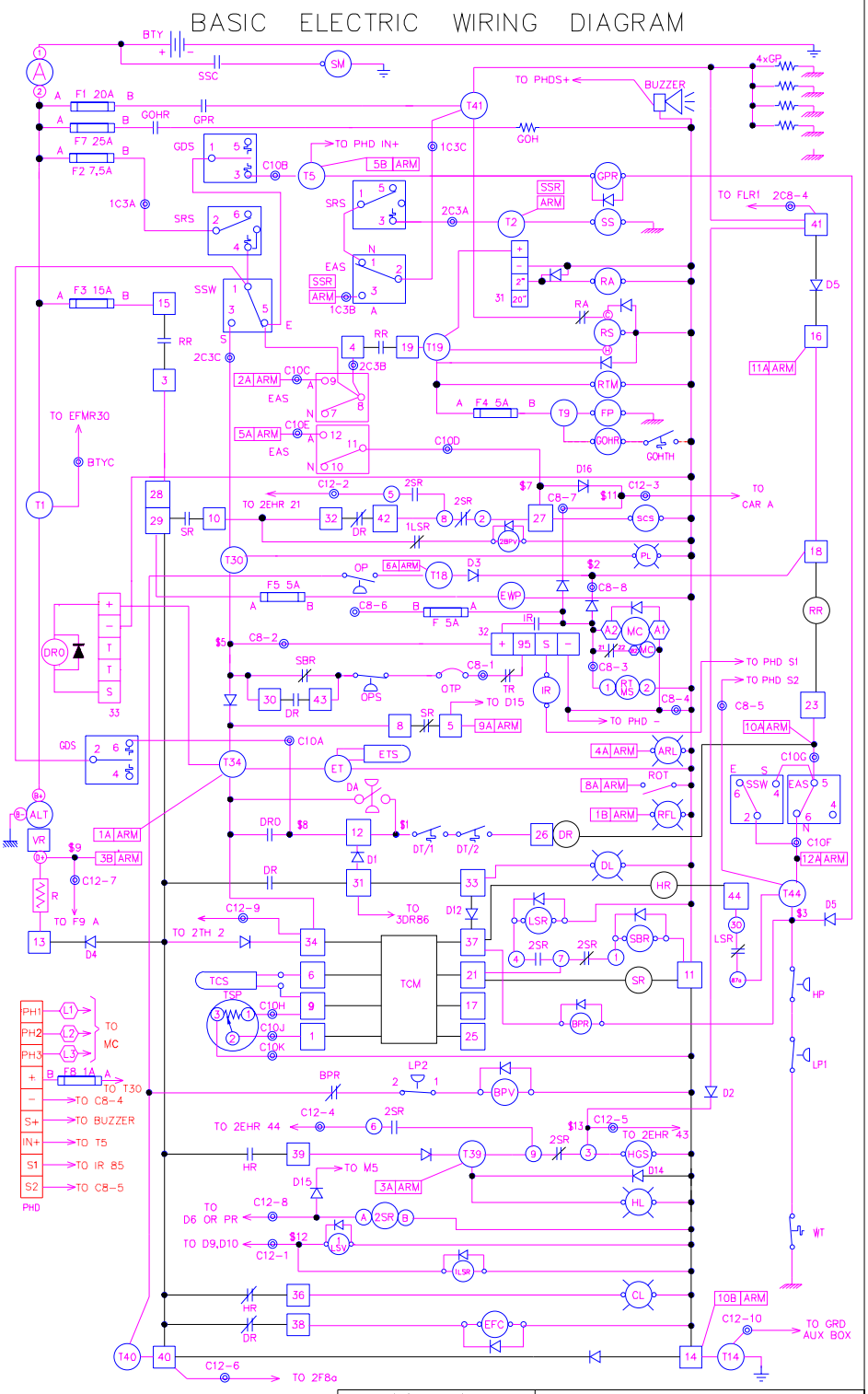
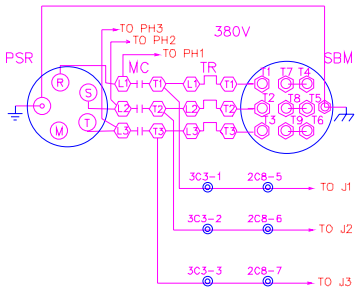
Carrier TRANSICOLD

GENESIS TM 800

BASIC ELECTRIC WIRING DIAGRAM



HEAVY LINES AND NUMBERED TERMINALS ARE LOCATED ON THE CIRCUIT BOARD
29 — LIGHT LINES ARE WIRES WITHIN THE SYSTEM
NORMALLY CLOSED CONTACTS
NORMALLY OPEN CONTACTS
T18 — INDICATES CONNECTION MADE ON TERMINAL BLOCK
SWITCH SYMBOL INDICATES MOMENTARY CONTACTS.
INDICATES A WIRE GROUND.
INDICATES A CHASSIS GROUND (NO WIRE).
INDICATES STANDARD OPTIONS.
INDICATES A SPLICE POINT.
INDICATES A CONNECTION, WIRE, LUG, ETC.
3 — CONTACTOR TERMINAL



SYMBOL	DESCRIPTION	LOCATION	
A	AMMETER	CONTROL PANEL	F18
ALT	ALTERNATOR	MID FRAME	F9
ARL	AUTO RESTART LIGHT (WHITE)	CONTROL PANEL	O9
ARM	AUTO RESTART MODULE	CONTROL BOX	H2
BTY	BATTERY	FRAME (CURB SIDE)	H18
	BUZZER	CONTROL BOX	O18
BPR	BY PASS RELAY	CONTROL BOX	N7/J6
BPV	BY PASS VALVE	FRAME	M6
2BPV	BY PASS VALVE	FRAME	M13
CL	COOL LIGHT (WHITE)	CONTROL PANEL	O4
D1_D14	DIODE	MOTHER BOARD	
D15_D17	DIODE	CONTROL BOX	
DA	DEFROST AIR SWITCH	EVAPORATOR	I9
DL	DEFROST LIGHT	CONTROL PANEL	O9
DR	DEFROST RELAY	MOTHER BOARD	{K9/I4 /J9 {J1/K13
DRO	DEFROST RELAY O(AUX. DEFROST RELAY)	CONTROL BOX	F11/J9
DT	DEFROST THERMOSTAT	EVAPORATOR	L9/M9
EAS	ENGINE AUTO START SWITCH	CONTROL PANEL	R10/J14/K16
EFC	EVAPORATOR FAN CLUTCH	EVAPORATOR	M4
EWP	ELECTRIC WATER POMP	FRAME	N12
ET	ELECTRONIC THERMOMETER	CONTROL PANEL	J10
ETS	ELECTRONIC THERMOMETER SENSOR	EVAPORATOR	K10
F	FUSE (5) AMPERE	STANDBY PANEL	L11
F1	FUSE (20) AMPERE	CONTROL BOX	G18
F2	FUSE (7,5) AMPERE	CONTROL BOX	G17
F3	FUSE (15) AMPERE	CONTROL BOX	O15
F4	FUSE (5) AMPERE	CONTROL BOX	M14
F5	FUSE (5) AMPERE	CONTROL BOX	L12
F7	FUSE (25) AMPERE	CONTROL BOX	G17
F8	FUSE (1A) AMPERE	CONTROL BOX	G7
FP	FUEL PUMP	FRAME	O14
GDS	GLOW DEFROST SWITCH	CONTROL PANEL	I17/G10
GOH	GAS OIL HEATER	ENGINE	M17
GOHR	GAS OIL HEATER RELAY	CONTROL BOX	O17/H17
GOHTH	GAS OIL HEATER THERMOSTAT	ENGINE	O14
GP	GLOW PLUG	ENGINE	O18
GPR	GLOW PLUG RELAY	CONTROL BOX	H18/O17
HGS	HOT GAZ SOLENOID	COND. RECEIVER SIDE	Q6
HL	HEAT LIGHT (AMBER)	CONTROL PANEL	O5
HP	HIGH PRESS. CUT-OUT-SWITCH (N.C.)	COMPRESSOR	Q8
HR	HEAT RELAY	MOTHER BOARD	N8/I4 /I5
IR	INTERFACE RELAY	CONTROL BOX	N10/N11
LP1	LOW PRESS.	COMPRESSOR	Q7
LP2	LOW PRESS.	COMPRESSOR	L6
LSR	LOW SPEED RELAY	CONTROL BOX	M8/P8
LSV	LIQUID SOLENOID RELAY	CONTROL BOX	M4
LSV	LIQUID SOLENOID VALVE	FRONT EVAPORATOR	J5
MC	MOTOR CONTACTOR	CONTROL BOX	O12/B13
OP	OIL PRESS. SAFETY SWITCH	ENGINE	K12
OPS	OIL PRESS. STAND-BY NC	MOTOR	K11
OTP	OVERLOAD THERMIC PROTECTION	STAND-BY MOTOR	L11
PL	POWER LIGHT (WHITE)	CONTROL PANEL	O12
PHD	PHASE DETECTOR	CONTROL BOX	F6
PSR	POWER SUPPLY RECEPTACLE	CONTROL BOX	A13
R	RESISTANCE	ALTERNATOR	F8
RA	RELAY A (ENERG. COIL RELAY CUT OUT)	CONTROL BOX	O15
RFL	RESTART FAULT LIGHT (RED)	CONTROL PANEL	O10
ROT	RESTART OVERRIDE THERMOSTAT	ENGINE	O10
RR	RUN RELAY	MOTHER BOARD	R12/H15/K16
RS	RUN SOLENOID	ENGINE	O15
RTM	RUNNING TIME METER	CONTROL PANEL	O14
RTMS	RUNNING TIME METER STAND-BY	CONTROL PANEL	O11
SBM	STAND-BY MOTOR	FRAME	D14
SBR	STAND-BY RELAY	CONTROL BOX	O8/J11
SCS	SPEED CONTROL SOLENOID	ENGINE	O13
SM	STARTER MOTOR	ENGINE	K18
SR	SPEED RELAY	MOTHER BOARD	O7/H13
2SR	SPEED RELAY	CONTROL BOX	{K5/N6/N8 {L6/L13
SRS	START-RUN-STOP SWITCH	CONTROL PANEL	I16/K17
SS	STARTER SOLENOID	STARTER	O16
SSC	STARTER SOLENOID CONTACTOR (N.O.)	STARTER	O11
SSR	STARTER SOLENOID RELAY	AUTO RESTART MODULE	H2
SSW	SELECTOR SWITCH	CONTROL PANEL	O9/I15
TCM	TEMPERATURE CONTROL MODULE	MOTHER BOARD	L7
TCS	TEMPERATURE CONTROL SENSOR	EVAPORATOR	I7
TR	THERMIC RELAY	CONTROL BOX	M11/C13
TSP	TEMP. SELECTOR POTENTIOMETER	CONTROL PANEL	I7
WT	WATER TEMPERATURE SWITCH	ENGINE	Q5
31	DELAY TIMER 2"	CONTROL BOX	N15
32	STAND-BY DELAY TIMER	CONTROL BOX	N11
33	DEFROST TIMER	CONTROL BOX	G11

A	AUTOMATIC	A
C	ENERGISING COIL	C
E	ENGINE	E
H	HOLDING COIL	H
N	NORMAL	N
S	STAND-BY	S

1C3 Ways connector-ex 1C3A terminal A of 1C3W connector
2C3 Ways connector
C10 Ways connector-ex:C10A terminal A of 10W connector
C8 Ways connector - ex:C8-1 : terminal 1 of 8 Ways connector

STANDARD

380V

OPTION

GAS-OIL HEATER

VALABLE A PARTIR DE: GULIG AL. N:
APPLICABLE FROM: VALABLE A PARTIR DEL. N:

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