

SWITCHBOARD & ENGINE NOMENCLATURE

SYM	DESCRIPTION	SYM	DESCRIPTION
ABR	AUXILIARY BREAKER RELAY	CTR	CRANK TERMINATION RELAY
AC	ACTUATING CONTACT	CUL	CURRENT LIGHT
AH	ALARM HORN	CUR	CURRENT RELAY
AHL	ALARM HORN LIGHT	D	DIODE
AHR	ALARM HORN RELAY	DBR	DEAD BUS RELAY
AM	AMMETER	DBT	DEAD BUS TIMER
AMS	AMMETER SWITCH	DFL	DIFFERENTIAL FAULT LIGHT
APL	ALTERNATE POWER ON LIGHT	DPR	DASHPOT RELAY
APR	ALTERNATE POWER ON RELAY	DR	DIFFERENTIAL RELAY
APS	ALTERNATE POWER SWITCH	DS	DISCONNECT SWITCH
AS	AUTOMATIC SYNCHRONIZER	EMT	ENGINE MAINTAIN TIMER
ATR	AUXILIARY TROUBLE RELAY	EPAL	EMERGENCY POWER AVAILABLE LIGHT
ATS	AUTOMATIC TRANSFER SWITCH	EPL	EMERGENCY POWER ON LIGHT
AUX	CIRCUIT BREAKER AUX. SWITCH	EPR	EMERGENCY POWER ON RELAY
AVS	AMMETER/VOLTMETER SWITCH	ERL	ENGINE RUN LIGHT
B	BLUE	ERR	ENGINE RUN RELAY
BA	BELL ALARM	ESL	EMERGENCY STOP LIGHT
BATT	BATTERY	ESP	EMERGENCY STOP PUSHBUTTON
BC	BATTERY CHARGER	ESPP	ENGINE STOP PUSHBUTTON
BCAM	BATTERY CHARGER AMMETER	ESPR	ENGINE STOP RELAY
BCFC	BATTERY CHARGER FAILURE CONTACT	ESR	EMERGENCY STOP RELAY
BCFL	BATTERY CHARGER FAILURE LIGHT	ESS	EMERGENCY SHUTDOWN SOLENOID
BCFR	BATTERY CHARGER FAILURE RELAY	ESTP	ENGINE START PUSHBUTTON
BCL	BREAKER CLOSED LIGHT	ESTR	ENGINE START RELAY
BCR	BREAKER CLOSED RELAY	ETM	ELAPSED TIME METER
BCS	BREAKER CONTROL SWITCH	F	FUSE
BCVM	BATTERY CHARGER VOLTMETER	FCB	FIELD CIRCUIT BREAKER
BK	BLACK	FES	FLOAT EQUALIZER SWITCH
BOL	BREAKER OPEN LIGHT	FLR	FLASHING RELAY
BOR	BREAKER OPEN RELAY	FM	FREQUENCY METER
BR	BROWN	FOPS	FUEL OIL PRESSURE SWITCH
BTL	BREAKER TRIP RED LIGHT	FPG	FUEL PRESSURE GAUGE
BTR	BREAKER TRIP RELAY	FPL	FAIL TO PARALLEL LIGHT
C	CAPACITOR	FPS	FUEL PRESSURE SWITCH
CB	CIRCUIT BREAKER	FPSR	FUEL PRESSURE SENDER
CBR	CLOSE BREAKER RELAY	FPT	FAIL TO PARALLEL TIMER
CCO	CRANK CUT-OUT RELAY	FR	FREQUENCY RELAY
CCT	CROSS CURRENT TRANSFORMER	FSV	FUEL SOLENOID VALVE
CDL	COOL DOWN LIGHT	FV	FUEL VALVE
CLT	CRANK LENGTH TIMER	FVR	FREQUENCY VOLTAGE RELAY
CM	CRANKING MOTOR	G	GREEN
CMC	CRANKING MOTOR CONTACTOR	GCB	GENERATOR CIRCUIT BREAKER
CNTL	CONTROL	GCS	GOVERNOR CONTROL SWITCH
CPB	CRANK PUSHBUTTON	GF	GROUND FAULT
CPR	CONTROL POWER RELAY	FA	GROUND FAULT AMMETER
CS	CONTROL SWITCH (MAN-OFF/RESET-STANDBY-AUTO)	GFL	GROUND FAULT LIGHT
CT	CURRENT TRANSFORMER	GFP	GROUND FAULT RESET (PUSHBUTTON)
CTD	CAPACITOR TRIP DEVICE	GFR	GROUND FAULT RELAY
		GFS	GROUND FAULT SENSOR

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SYM	DESCRIPTION	SYM	DESCRIPTION
GOFL	GENERATOR OFF LIGHT	LOPL	LOW OIL PRESSURE LIGHT
GOL	GENERATOR ON LIGHT	LOPR	LOW OIL PRESSURE RELAY
GOLL	GENERATOR ON LINE LIGHT	LSL	LOAD SHED LIGHT
GPL	GLOW PLUG	LSR	LOAD SHED RELAY
GPLL	GLOW PLUG LIGHT	LSTL	LOW STORAGE TANK LIGHT
GPLR	GLOW PLUG RELAY	LSTR	LOW STORAGE TANK RELAY
GPLS	GLOW PLUG SWITCH	LTP	LAMP TEST PUSHBUTTON
GPLT	GLOW PLUG TIMER	LWLL	LOW WATER LEVEL LIGHT
GPR	GENERATOR PREFERRED RELAY	LWLR	LOW WATER LEVEL RELAY
GPS	GENERATOR PREFERRED SWITCH	LWLS	LOW WATER LEVEL SWITCH
GRL	GENERATOR RUNNING LIGHT	LWPL	LOW WATER PRESSURE LIGHT
GRS	GENERATOR RUNNING SWITCH	LWPR	LOW WATER PRESSURE RELAY
GSS	GENERATOR SYNCHRONIZING SWITCH	LWPS	LOW WATER PRESSURE SWITCH
GTL	GENERATOR TROUBLE LIGHT	LWTL	LOW WATER TEMPERATURE LIGHT
GY	GREY	LWTR	LOW WATER TEMPERATURE RELAY
H	HEATER	LWTS	LOW WATER TEMPERATURE SWITCH
HBVL	HIGH BATTERY VOLTAGE LIGHT	MDS	MAINTENANCE DISCONNECT SWITCH
HBVR	HIGH BATTERY VOLTAGE RELAY	MO	MOTOR OPERATOR
HBVS	HIGH BATTERY VOLTAGE SWITCH	MVC	MANUAL VOLTAGE CONTROL
HBVT	HIGH BATTERY VOLTAGE TIMER	MVL	MANUAL VOLTAGE LIGHT
HFL	HIGH FUEL LEVEL LIGHT	MVR	MANUAL VOLTAGE RELAY
HFLR	HIGH FUEL LEVEL RELAY	N	NEUTRAL
HFS	HIGH FUEL SWITCH	NAL	NOT IN AUTO LIGHT
HS	HEATER SWITCH	NAR	NOT IN AUTO RELAY
HSL	HORN SILENCE LIGHT	NCT	NEUTRAL CURRENT TRANSFORMER
HSP	HORN SILENCE PUSHBUTTON	NGR	NEUTRAL GROUNDING RESISTOR
HSR	HORN SILENCE RELAY	NPAL	NORMAL POWER AVAILABLE LIGHT
HSS	HORN SILENCE SWITCH	NPL	NORMAL POWER ON LIGHT
HWTL	HIGH WATER TEMPERATURE LIGHT	NPR	NORMAL POWER ON RELAY
HWTR	HIGH WATER TEMPERATURE RELAY	NPS	NORMAL POWER SWITCH
HWTS	HIGH WATER TEMPERATURE SWITCH	OPR	OVERFREQUENCY RELAY
ILS	ISOCHRONOUS LOAD SHARING MODULE	OPBL	OIL PRESSURE BYPASS LIGHT
K	CONTROL RELAY	OPBR	OIL PRESSURE BYPASS RELAY
L	INDUCTOR	OPBT	OIL PRESSURE BYPASS TIMER
LAR	LOAD ADD RELAY	OPG	OIL PRESSURE GAUGE
LBD	LAMP BOARD	ORPB	OVERRIDE PUSHBUTTON (ATS)
LBS	LOAD BANK SWITCH (OFF-AUTOMATIC)	ORR	OFF/RESET RELAY
LBVL	LOW BATTERY VOLTAGE LIGHT	OPSR	OIL PRESSURE SENDER
LBVR	LOW BATTERY VOLTAGE RELAY	OTSR	OIL TEMPERATURE SENDER
LBVS	LOW BATTERY VOLTAGE SWITCH	OSL	OVERSPEED LIGHT
LBVT	LOW BATTERY VOLTAGE TIMER	OSR	OVERSPEED RELAY
LDC	LOAD DEMAND CONTROLLER	OTG	OIL TEMPERATURE GAUGE
LDTL	LOW DAY TANK LIGHT	OVL	OVERVOLTAGE LIGHT
LDTR	LOW DAY TANK RELAY	OVR	OVERVOLTAGE RELAY
LDS	LOW DAY TANK SWITCH	P	POTENTIOMETER
LED	LIGHT EMITTING DIODE	PAL	PRE-ALARM LIGHT
LER	LOSS OF EXCITATION RELAY	PAR	PRE-ALARM RELAY
LFL	LOW FUEL LEVEL LIGHT	PBR	PARALLEL BUS RELAY
LFLR	LOW FUEL LEVEL RELAY	PBT	PARALLEL BUS TIMER



LAKE SHORE

ELECTRIC CORPORATION

SWITCHBOARD & ENGINE NOMENCLATURE

SYM DESCRIPTION

PE PLANT EXERCISER
PFM POWER FACTOR METER
PFR PHASE FAILURE RELAY (U/VOL)
PFR0 PHASE FAILURE RELAY (O/VOL)
PFS POWER FAILURE SWITCH
PHWTL PRE-HIGH WATER TEMP. LIGHT
PHWTR PRE-HIGH WATER TEMP. RELAY
PHWTS PRE-HIGH WATER TEMP. SWITCH
PL PANEL LIGHTS
PLOPL PRE-LOW OIL PRESSURE LIGHT
PLOPR PRE-LOW OIL PRESSURE RELAY
PLOPS PRE-LOW OIL PRESSURE SWITCH
PLS PANEL LIGHT SWITCH
PLWLL PRE-LOW WATER LEVEL LIGHT
PLWLR PRE-LOW WATER LEVEL RELAY
PLWTL PRE-LOW WATER TEMP. LIGHT
PLWTR PRE-LOW WATER TEMP. RELAY
PM PARALLELING MODULE
PR PILOT RELAY
PT POTENTIAL TRANSFORMER
Q TRANSIS. SILICON CONT. RECTIFIER
R RESISTOR
RB RECTIFIER BRIDGE
RBD RELAY BOARD
REC RECEPTACLE
RIR RECRANK INHIBIT RELAY
RP RESET PUSHBUTTON
RPL REVERSE POWER LIGHT
RPR REVERSE POWER RELAY
RPT REVERSE POWER TIMER
RR RESET RELAY
RS RACK SOLENOID
RST RACK SOLENOID TIMER
RVR REGULATOR VOLTAGE RELAY
S SWITCH
SAP SPEED ADJUST POTENTIOMETER
SAR SLAVE ACTUATING
SAS1 UNDERSPEED SWITCH
SAS2 OVERSPEED SWITCH
SBO BOOST RESERVOIR ASSEMBLY
SC SPEED CONTROL
SCR SYNCHRONIZING CHECK RELAY
SCS SYNCHROSCOPE
SCUR SLAVE CURRENT RELAY
SGFR SLAVE GROUP D FAULT RELAY
SL SYNC LIGHT
SLA SYNC LIGHT ASSEMBLY
SLS SYNC LIGHT SWITCH
SLSR SLAVE LOAD SHED RELAY

SYM DESCRIPTION

SM STARTMASTER
SOVR SLAVE OVERVOLTAGE RELAY
SPBR SLAVE PARALLEL BUS RELAY
SPFR SLAVE POWER FAILURE RELAY
SPR SLAVE PILOT RELAY
SR START RELAY
SRPR SLAVE REVERSE POWER RELAY
SS SELECTOR SWITCH
SSR SYSTEM START RELAY
ST SHUNT TRIP
STR SYSTEM TROUBLE RELAY
SUFR SLAVE UNDERFREQUENCY RELAY
SUVR SLAVE UNDERVOLTAGE RELAY
T TRANSFORMER
TB TERMINAL BLOCK
TH THERMOSTAT
TR TROUBLE RELAY
TSDV THROTTLE SOLENOID DUMP VALVE
U INTEGRATED CIRCUIT
UCUL UNDERCURRENT LIGHT
UFL UNDERFREQUENCY LIGHT
UFR UNDERFREQUENCY RELAY
UFT UNDERFREQUENCY TIMER
UV UNDERVOLTAGE RELEASE
UVL UNDERVOLTAGE LIGHT
UVR UNDERVOLTAGE RELAY
UVT UNDERVOLTAGE TIMER
V VIOLET
VAR VOLTAGE ADJUST RHEOSTAT
VCB VACUUM CIRCUIT BREAKER
VM VOLTMETER
VMS VOLTMETER SWITCH
VMT VOLTMETER TRANSDUCER
VR VOLTAGE REGULATOR
VRM VARMETER
VRMT VARMETER TRANSDUCER
W WHITE
WHM WATTHOUR METER
WM WATTMETER
WMT WATTMETER TRANSDUCER
WTG WATER TEMPERATURE GAUGE
WUT WARM UP TIMER
Y YELLOW
Z ZENER DIODE