

LAKE SHORE ELECTRIC CORPORATION

SWITCHBOARD AND ENGINE NOMENCLATURE ES103

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



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FPG	FUEL PRESSURE GAUGE	HSP	HORN SILENCE PUSHBUTTON
FPL	FAIL TO PARALLEL LIGHT	HSR	HORN SILENCE RELAY
FPS	FUEL PRESSURE SWITCH	HSS	HORN SILENCE SWITCH
FPSR	FUEL PRESSURE SENDER	HWTL	HIGH WATER TEMPERATURE LIGHT
FPT	FAIL TO PARALLEL TIMER	HWTR	HIGH WATER TEMPERATURE RELAY
FR	FREQUENCY RELAY	HWTS	HIGH WATER TEMPERATURE SWITCH
FSV	FUEL SOLENOID VALVE	ILS	ISOCHRONOUS LOAD SHARING MOD-
FV	FUEL VALVE	ULE	
FVR	FREQUENCY VOLTAGE RELAY	K	CONTROL RELAY
G	GREEN	L	INDUCTOR
GCB	GENERATOR CIRCUIT BREAKER	LAR	LOAD ADD RELAY
GCS	GOVERNOR CONTROL SWITCH	LBD	LAMP BOARD
GF	GROUND FAULT	LBS	LOAD BANK SWITCH (OFF-
FA	GROUND FAULT AMMETER		AUTOMATIC)
GFL	GROUND FAULT LIGHT	LBVL	LOW BATTERY VOLTAGE LIGHT
GFP	GROUND FAULT RESET (PUSHBUTTON)	LBVR	LOW BATTERY VOLTAGE RELAY
GFR	GROUND FAULT RELAY	LBVS	LOW BATTERY VOLTAGE SWITCH
GFS	GROUND FAULT SENSOR	LBVT	LOW BATTERY VOLTAGE TIMER
GOFL	GENERATOR OFF LIGHT	LDC	LOAD DEMAND CONTROLLER
GOL	GENERATOR ON LIGHT	LDTL	LOW DAY TANK LIGHT
GOLL	GENERATOR ON LINE LIGHT	LDTR	LOW DAY TANK RELAY
GPL	GLOW PLUG	LDTL	LOW DAY TANK SWITCH
GPLL	GLOW PLUG LIGHT	LED	LIGHT EMITTING DIODE
GPLR	GLOW PLUG RELAY	LER	LOSS OF EXCITATION RELAY
GPLS	GLOW PLUG SWITCH	LFLL	LOW FUEL LEVEL LIGHT
GPLT	GLOW PLUG TIMER	LFLR	LOW FUEL LEVEL RELAY
GPR	GENERATOR PREFERRED RELAY	LOPL	LOW OIL PRESSURE LIGHT
GPS	GENERATOR PREFERRED SWITCH	LOPR	LOW OIL PRESSURE RELAY
GRL	GENERATOR RUNNING LIGHT	LSL	LOAD SHED LIGHT
GRS	GENERATOR RUNNING SWITCH	LSR	LOAD SHED RELAY
GSS	GENERATOR SYNCHRONIZING SWITCH	LSTL	LOW STORAGE TANK LIGHT
GTL	GENERATOR TROUBLE LIGHT	LSTR	LOW STORAGE TANK RELAY
GY	GREY	LTP	LAMP TEST PUSHBUTTON
H	HEATER	LWLL	LOW WATER LEVEL LIGHT
HBVL	HIGH BATTERY VOLTAGE LIGHT	LWLR	LOW WATER LEVEL RELAY
HBVR	HIGH BATTERY VOLTAGE RELAY	LWLS	LOW WATER LEVEL SWITCH
HBVS	HIGH BATTERY VOLTAGE SWITCH	LWPL	LOW WATER PRESSURE LIGHT
HBVT	HIGH BATTERY VOLTAGE TIMER	LWPR	LOW WATER PRESSURE RELAY
HFLL	HIGH FUEL LEVEL LIGHT	LWPS	LOW WATER PRESSURE SWITCH
HFLR	HIGH FUEL LEVEL RELAY	LWTL	LOW WATER TEMPERATURE LIGHT
HFS	HIGH FUEL SWITCH	LWTR	LOW WATER TEMPERATURE RELAY
HS	HEATER SWITCH	LWTS	LOW WATER TEMPERATURE SWITCH
HSL	HORN SILENCE LIGHT	MDS	MAINTENANCE DISCONNECT SWITCH



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MO	MOTOR OPERATOR	PLOPR	PRE-LOW OIL PRESSURE RELAY
MVC	MANUAL VOLTAGE CONTROL	PLOPS	PRE-LOW OIL PRESSURE SWITCH
MVL	MANUAL VOLTAGE LIGHT	PLS	PANEL LIGHT SWITCH
MVR	MANUAL VOLTAGE RELAY	PLWLL	PRE-LOW WATER LEVEL LIGHT
N	NEUTRAL	PLWLR	PRE-LOW WATER LEVEL RELAY
NAL	NOT IN AUTO LIGHT	PLWTL	PRE-LOW WATER TEMP. LIGHT
NAR	NOT IN AUTO RELAY	PLWTR	PRE-LOW WATER TEMP. RELAY
NCT	NEUTRAL CURRENT TRANSFORMER	PM	PARALLELING MODULE
NGR	NEUTRAL GROUNDING RESISTOR	PR	PILOT RELAY
NPAL	NORMAL POWER AVAILABLE LIGHT	PT	POTENTIAL TRANSFORMER
NPL	NORMAL POWER ON LIGHT	Q	TRANSIS. SILICON CONT. RECTIFIER
NPR	NORMAL POWER ON RELAY	R	RESISTOR
NPS	NORMAL POWER SWITCH	RB	RECTIFIER BRIDGE
OFR	OVERFREQUENCY RELAY	RBD	RELAY BOARD
OPBL	OIL PRESSURE BYPASS LIGHT	REC	RECEPTACLE
OPBR	OIL PRESSURE BYPASS RELAY	RIR	RECRANK INHIBIT RELAY
OPBT	OIL PRESSURE BYPASS TIMER	RP	RESET PUSHBUTTON
OPG	OIL PRESSURE GAUGE	RPL	REVERSE POWER LIGHT
ORPB	OVERRIDE PUSHBUTTON (ATS)	RPR	REVERSE POWER RELAY
ORR	OFF/RESET RELAY	RPT	REVERSE POWER TIMER
OPSR	OIL PRESSURE SENDER	RR	RESET RELAY
OTSR	OIL TEMPERATURE SENDER	RS	RACK SOLENOID
		RST	RACK SOLENOID TIMER
OSL	OVERSPEED LIGHT	RVR	REGULATOR VOLTAGE RELAY
OSR	OVERSPEED RELAY	S	SWITCH
OTG	OIL TEMPERATURE GAUGE	SAP	SPEED ADJUST POTENTIOMETER
OVL	OVERVOLTAGE LIGHT	SAR	SLAVE ACTUATING
OVR	OVERVOLTAGE RELAY	SAS1	UNDERSPEED SWITCH
P	POTENTIOMETER	SAS2	OVERSPEED SWITCH
PAL	PRE-ALARM LIGHT	SBO	BOOST RESERVOIR ASSEMBLY
PAR	PRE-ALARM RELAY	SC	SPEED CONTROL
PBR	PARALLEL BUS RELAY	SCR	SYNCHRONIZING CHECK RELAY
PBT	PARALLEL BUS TIMER	SCS	SYNCHROSCOPE
PE	PLANT EXERCISER	SCUR	SLAVE CURRENT RELAY
PFM	POWER FACTOR METER	SGFR	SLAVE GROU D FAULT RELAY
PFR	PHASE FAILURE RELAY (U/VOL)	SL	SYNC LIGHT
PFRO	PHASE FAILURE RELAY (O/VOL)	SLA	SYNC LIGHT ASSEMBLY
PFS	POWER FAILURE SWITCH	SLS	SYNC LIGHT SWITCH
PHWTL	PRE-HIGH WATER TEMP. LIGHT	SLSR	SLAVE LOAD SHED RELAY
PHWTR	PRE-HIGH WATER TEMP. RELAY	SM	STARTMASTER
PHWTS	PRE-HIGH WATER TEMP. SWITCH	SOVR	SLAVE OVERVOLTAGE RELAY
PL	PANEL LIGHTS	SPBR	SLAVE PARALLEL BUS RELAY
PLOPL	PRE-LOW OIL PRESSURE LIGHT	SPFR	SLAVE POWER FAILURE RELAY



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

