SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	ONE LINE DIAGRAMS-1		ONE LINE DIAGRAMS-2		CONTROL DIAGRAMS-1		CONTROL DIAGRAMS-2
«——^>	DRAWOUT AIR CIRCUIT BREAKER, LOW VOLTAGE	<b>———</b>	DRAWOUT POWER CIRCUIT BREAKER, MEDIUM VOLTAGE		PUSH-BUTTON SWITCH, MOMENTARY CONTACT, NORMALLY OPEN	———————————————————————————————————————	CAPACITOR
400	CIRCUIT BREAKER, THERMAL MAGNETIC TRIP SHOWN, 3 POLE, UNO		NON DRAWOUT FUSED SWITCH, MEDIUM VOLTAGE		PUSH-BUTTON SWITCH, MOMENTARY CONTACT, NORMALLY CLOSED	+   -	BATTERY
AS OF AT AF	CIRCUIT BREAKER, STATIC TRIP UNIT, SENSOR AMP TRIP AND FRAME RATINGS SHOWN, 3 POLE, UNO	← \□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□	DRAWOUT FUSED SWITCH AND CONTACTOR, MEDIUM VOLTAGE		PUSH BUTTON SWITCH, MAINTAINED CONTACTS WITH MECHANICAL INTERLOCK	$\sim$	LIMIT SWITCH, NORMALLY OPEN, CLOSES AT END OF TRAVEL
AF AF	CIRCUIT BREAKER, MAGNETIC TRIP ONLY, TRIP	«—————————————————————————————————————	DRAWOUT FUSED SWITCH AND VACUUM CONTACTOR, MEDIUM VOLTAGE	Ro		0/10	LIMIT SWITCH, NORMALLY CLOSED, OPENS AT EN OF TRAVEL
100/M	RATING SHOWN, 3 POLE, UNO	<b>≪</b> ⊕≫	DRAWOUT VACUUM CONTACTOR, MEDIUM VOLTAGE		3 POSITION SELECTOR SWITCH MAINTAINED CONTACT	0-50	TEMPERATURE SWITCH, OPENS ON TEMPERATUR
400 400	CIRCUIT BREAKER WITH CURRENT LIMITING FUSES, TRIP AND FUSE RATING INDICATED, 3 POLE, UNO	<b>+</b>	MEDIUM VOLTAGE CABLE STRESS CONE TYPE TERMINATION, OPEN TERMINATOR OR ELBOW			0	TEMPERATURE SWITCH, CLOSES ON TEMPERATURE
400 225	FUSED SWITCH, SWITCH AND FUSE CURRENT RATING		SWITCH - LOAD BREAK, GROUP OPERATED, MEDIUM VOLTAGE	HAND OFF REMOTE	IDENTIFIES OPERATION WHEN NEEDED FOR CLARITY:	To	FLOAT SWITCH, NORMALLY OPEN, CLOSES ON DESCENDING LEVEL
100	INDICATED, 3 POLE, UNO SWITCH, CURRENT RATING INDICATED, 3 POLE, UNO	<			POSITION     X - CLOSED CONTACT     X   O   O   O - OPEN CONTACT     2   O   O   X	~~	FLOAT SWITCH, NORMALLY OPEN, CLOSES ON RISING LEVEL
60 (3)	FUSE, CURRENT RATING AND QUANTITY INDICATED		SWITCH W/ARCING HORNS, MEDIUM VOLTAGE  DISCONNECTING FUSE - SOLID MATERIAL,	OOX	2 0 0 X		
1	MAGNETIC STARTER WITH OVERLOAD,		MEDIUM VOLTAGE		TOGGLE SWITCH, ON-OFF TYPE	oTo	PRESSURE SWITCH, NORMALLY CLOSED, OPENS RISING PRESSURE  PRESSURE SWITCH, NORMALLY OPEN, CLOSES C
— <u> </u>  ——	NEMA SIZE INDICATED, FVNR UNO		SWITCH - HOOK STICK OPERATED, SINGLE POLE, MEDIUM VOLTAGE	ON OFFO	SELECTOR SWITCH, ON-OFF TYPE		RISING PRESSURE
AFD——	ELECTRONIC STARTER/SPEED CONTROL RVSS = REDUCED VOLTAGE SOFT STARTER AFD = AC ADJUSTABLE FREQUENCY DRIVE	&	FUSE - EXPULSION, HOOK STICK OPERATED, SINGLE POLE, MEDIUM VOLTAGE	<b>T</b>		0	FLOW SWITCH, CLOSES ON INCREASED FLOW
	DC = DC ADJUSTABLE SPEED DRIVE RVAT = REDUCED VOLTAGE AUTO TRANSFORMER TYPE		GROUND SWITCH, GANG OPERATED		MUSHROOM HEAD SWITCH	oto	FLOW SWITCH, OPENS ON INCREASED FLOW
	RVRT = REDUCED VOLTAGE REACTOR TYPE  CABLE OR BUS CONNECTION POINT		TERMINAL BLOCK LUG	A	INDICATING LIGHT, PUSH-TO-TEST, LETTER INDICATES COLOR	NGR	NEUTRAL GROUND CURRENT LIMITING RESISTOR
- K	KEY INTERLOCK	Δ	DELTA CONNECTION	A	INDICATING LIGHT - LETTER INDICATES COLOR	RES	CALIBRATING RESISTOR
	SURGE ARRESTER (GAP TYPE)	Ys.	WYE GROUNDED CONNECTION, SOLID GROUND		A - AMBER G - GREEN S - STROBE B - BLUE R - RED C - CLEAR W - WHITE	(GEN)	TACHOMETER GENERATOR
<b> •</b> ( 10	CAPACITOR - KVAR INDICATED, 3 PHASE	<b>Y</b>		ETM	ELAPSED TIME METER	GFS	GROUND FAULT SENSOR
		R or Z	WYE NEUTRAL GROUND RESISTOR OR IMPEDANCE CONNECTION	M	MOTOR STARTER CONTACTOR COIL  CONTROL RELAY, X INDICATES NUMERICAL ORDER		FLASHER
(3)	MOTOR, SQUIRREL CAGE INDUCTION - HORSEPOWER INDICATED	86	RELAY OR DEVICE, FUNCTION NUMBER AS INDICATED	(CRX)	IN CIRCUIT		SEALED CONTACT
$\bigcirc$	GENERATOR, KW/KVA RATING SHOWN	50:5	CURRENT TRANSFORMER, ZERO SEQUENCE, RATIO	(TDR X	TIME DELAY RELAY, X INDICATES NUMERICAL ORDER IN CIRCUIT	•	BUZZER
500/625		(1)	AND QUANTITY INDICATED	(SV X	SOLENOID VALVE, X INDICATES NUMERICAL ORDER IN CIRCUIT	<b>-</b> \\\\\-	POTENTIOMETER
VS V	ANALOG METER WITH SWITCH - SCALE RANGE SHOWN	800/1200:5	BUSHING CURRENT TRANSFORMER, MULTI-RATIO AND QUANTITY INDICATED	<del></del>	CONTACT - NORMALLY OPEN	<b>-</b> ₩₩-	RESISTOR
0-600V	V = VOLTAGE KW = KILOWATTS A = AMPERAGE KVAR = KILOVARS PF = POWER FACTOR	MO	MOTOR OPERATOR, BREAKER OR SWITCH	<del></del>	CONTACT - NORMALLY CLOSED	1 1	
DPM -	PF - POWER FACTOR	EMU	ENERGY MONITORING UNIT	——————————————————————————————————————	REMOTE DEVICE  TIME DELAY RELAY CONTACT, NORMALLY OPEN,		BLOWN FUSE INDICATOR
	DIGITAL POWER METER (MULTIFUNCTION)	MPR	MOTOR PROTECTION RELAY		CLOSES WHEN ENERGIZED AND TIMED OUT		COAXIAL CABLE
$\odot$	UTILITY REVENUE METER			oTo	TIME DELAY RELAY CONTACT, NORMALLY CLOSED, OPENS WHEN ENERGIZED AND TIMED OUT	<del>-</del>	MULTICONDUCTOR CUIELDER CARLE
†	GROUND			0 0	TIME DELAY RELAY CONTACT, CLOSES WHEN ENERGIZED, OPENS WHEN DE-ENERGIZED AND TIMED OUT TIME DELAY RELAY CONTACT, OPENS WHEN	<u></u>	MULTICONDUCTOR SHIELDED CABLE
± 15 10/A					ENERGIZED, CLOSES WHEN DE-ENERGIZED AND TIMED OUT		DUPLEX RECEPTACLE
15 KVA 480-120 1 PH	0/240V TRANSFORMER, SIZE, VOLTAGE RATINGS, AND PHASE INDICATED			o[][o	MOTOR SPACE HEATER	Ţ	
l I	AND FINASE INDICATED				TERMINAL BLOCK, REMOTE	<u>(i)</u>	RELAY, WITH MECHANICAL LATCH
$\frac{\omega}{m}$	SHIELDED ISOLATION TRANSFORMER			0	TERMINAL BLOCK, INTERNAL	-	FULLWAVE DIODE BRIDGE (AC TO DC)
480-120V	POTENTIAL TRANSFORMER, VOLTAGE RATING AND QUANTITY INDICATED				FUSED TERMINAL BLOCK	~	
(3)		NOTES:			FUSE, RATING INDICATED		
100:5 (3)	CURRENT TRANSFORMER, RATIO(100:5) AND QUANTITY INDICATED (3)		RD LEGEND SHEETS. SOME SYMBOLS AND ABBREVIATIONS E LEGEND AND NOT ON THE DRAWINGS.	CPT			
	CONNECTION POINT TO EQUIPMENT SPECIFIED IN OTHER		BREVIATIONS OF OTHER DIVISIONS (HVAC, MECHANICAL, AND TECTURAL) SEE OTHER LEGENDS.	120V	TRANSFORMER, CONTROL POWER		
	DIVISIONS. RACEWAY, CONDUCTOR AND CONNECTION IN THIS DIVISION				THERMOCOUPLE		
TVSS	TRANSIENT VOLTAGE SURGE SUPPRESSOR						