

ABBREVIATION DESCRIPTION

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ABBREVIATIONS-1

A AMPERE, AUTOMATIC
AB SW AIR-BREAK SWITCH
ABV ABOVE
AC ALTERNATING CURRENT
ACB AIR-CIRCUIT BREAKER
ACSR ALUMINUM CONDUCTOR STEEL-REINFORCED
ADJ ADJUSTABLE
AF AMPERE FRAME
AFD ADJUSTABLE FREQUENCY DRIVE
AFF ABOVE FINISHED FLOOR
AFG ABOVE FINISHED GRADE
AHM AMPERE-HOUR METER
AHU AIR HANDLING UNIT
AL ALUMINUM
AM AMMETER
AMPL AMPLIFIER
ANN ANNUNCIATOR
ANT ANTENNA
APPROX APPROXIMATE
AS AMMETER SWITCH, AMPERE SENSOR
ASC AUXILIARY SWITCH NORMALLY CLOSED
ASO AUXILIARY SWITCH NORMALLY OPEN
ASU AIR SUPPLY UNIT
ATC AUTOMATIC TRANSFER CONTROL
AT AMPERE TRIP
ATS AUTOMATIC TRANSFER SWITCH
AUTO AUTOMATIC
AUX AUXILIARY
AWG AMERICAN WIRE GAGE
BAT BATTERY
BC BARE COPPER
BL BASIC IMPULSE LEVEL
BKR BREAKER
BLDG BUILDING
BOT BOTTOM
C CONDUIT, CONTACTOR, CONDUCTOR, CLOSE, CENTIGRADE
CB CIRCUIT BREAKER
CC CONTROL CABLE
CCS CENTRAL CONTROL SYSTEM
CKT CIRCUIT
CLF CURRENT LIMITING FUSE
CLG CEILING
COM COMMUNICATIONS
CONN DIAG CONNECTION DIAGRAM
CONT CONTINUE
CP CONTROL PANEL
CPT CONTROL POWER TRANSFORMER
CPU CENTRAL PROCESSING UNIT
CR CONTROL RELAY COATED
CS CONTROL STATION:C=CLOSE, T=TRIP
CT CURRENT TRANSFORMER, CABLE TRAY
CU COPPER
DC DIRECT CURRENT
DCS DISTRIBUTED CONTROL SYSTEM
DIV DIVISION
DN DOWN
DP DISTRIBUTION PANEL
DPDT DOUBLE-POLE DOUBLE-THROW
DPST DOUBLE-POLE SINGLE-THROW
DS DISCONNECT SWITCH
E EMPTY
EA EACH
EDH ELECTRIC DUCT HEATER
EF EXHAUST FAN
EG ENGINE GENERATOR
EL ELEVATION
ELEC ELECTRIC
ELEM ELEMENTARY
EMER EMERGENCY
EMS ENERGY MONITORING SYSTEM
EMT ELECTRICAL METALLIC TUBING
EMU ENERGY MONITORING UNIT
ENCL ENCLOSURE
EP EXPLOSION-PROOF
EQPT EQUIPMENT
ETM ELAPSED TIME METER
EUH ELECTRIC UNIT HEATER
EXH EXHAUST
EXST EXISTING
F FORWARD, FREQ
FA FIRE ALARM
FACP FIRE ALARM CONTROL PANEL
FDR FEEDER
FU FUSE

FF FINISHED FLOOR
FI FLOW INDICATOR
FLEX FLEXIBLE CONDUIT
FLR FLOOR
FLUOR FLUORESCENT
FPR FEEDER PROTECTOR RELAY
FO FIBER OPTIC
FP FIELD PANEL
FREQ FREQUENCY
FS FLOAT SWITCH
FT FLOW TRANSMITTER
FU FUSE
FVNR FULL VOLTAGE NON-REVERSING
FVR FULL VOLTAGE REVERSING
FWD FORWARD
G GROUND
GALV GALVANIZED
GEN GENERATOR
GFCI GROUND FAULT CIRCUIT INTERRUPTER
GFR GROUND FAULT RELAY
GND GROUND
GPR GENERATOR PROTECTOR RELAY
GRS GALVANIZED RIGID STEEL CONDUIT
H HIGH SPEED
HGT HEIGHT
HH HANDHOLE
HID HIGH INTENSITY DISCHARGE
HMI HUMAN-MACHINE INTERFACE
HOA HAND-OFF-AUTO
HOR HAND-OFF-REMOTE
HP HORSEPOWER
HPS HIGH PRESSURE SODIUM
HS HAND SWITCH
HV HIGH VOLTAGE
HVAC HEATING, VENTILATING & AIR CONDITIONING
HZ HERTZ
IC INTERRUPTING CAPACITY
I & C INSTRUMENTATION AND CONTROL
IMC INTERMEDIATE METALLIC CONDUIT
INCAND INCANDESCENT
INST INSTANTANEOUS
INT INTERRUPTING
ISR INTRINSICALLY SAFE RELAY
J,JB JUNCTION BOX
K KEY INTERLOCK
KA KILOAMPERES
KAIC KILOAMPERES INTERRUPTING CAPACITY
KCM THOUSAND CIRCULAR MILS
KV KILOVOLTS
KVA KILOVOLT AMPERES
KW KILOWATTS
KWH KILOWATT HOURS
KWHD KILOWATT HOURS DEMAND
L LIGHTING CONTACTOR, LOW SPEED, LOWER
LC LIGHTING CONTROLLER, LATCH COIL
LCP LOCAL CONTROL PANEL
LE LEVEL ELEMENT
LIT LEVEL INDICATING TRANSMITTER
LOR LOCAL-OFF-REMOTE
LPT LIGHTING PANEL
LPS LOW PRESSURE SODIUM
LR LOCAL/REMOTE
LS LIMIT SWITCH, LEVEL SWITCH
LT LEVEL TRANSMITTER
LT FLEX LIQUID-TIGHT FLEX CONDUIT
M MAGNETIC CONTACTOR COIL, MOTOR, MANUAL
MA MILLIAMPERE
MAU MAKE-UP AIR UNIT
MAX MAXIMUM
MCC MOTOR CONTROL CENTER
MDC MOTORIZED DAMPER CONTROL
MECH MECHANICAL
MFR MANUFACTURER
MH MANHOLE, METAL HALIDE, MOUNTING HEIGHT
MIN MINIMUM
MO MOTOR OPERATOR
MOP MOTOR OPERATED POTENTIOMETER
MOV METAL OXIDE VERISTOR, MOTOR OPERATED VALVE
MPR MOTOR PROTECTION RELAY
MRCT MULTI RATIO CURRENT TRANSFORMER
MS MOTOR STARTER
MSC MANUFACTURER SUPPLIED CABLE
MT MOUNT
MTD MOUNTED
MTS MANUAL TRANSFER SWITCH
MV MEDIUM VOLTAGE
MVA MEGA-VOLT AMPERES
N NEUTRAL, NORMAL
NA NON-AUTOMATIC
NC NORMALLY CLOSED
NEUT NEUTRAL
NIC NOT IN CONTRACT

N.O. NORMALLY OPEN
NP NAMEPLATE
NTS NOT TO SCALE
O OPEN
OCA OPEN-CLOSE-AUTO
OCB OIL CIRCUIT BREAKER
OCR OVERCURRENT RELAY
OHM OHMMETER
OL OVERLOAD RELAY
ON OFF
OOA ON-OFF-AUTO
OOR ON-OFF-REMOTE
OS OCCUPANCY SENSOR
PB PULL BOX
PC PHOTOCCELL
PCC POINT OF COMMON COUPLING
PCB POWER CIRCUIT BREAKER
PF POWER FACTOR
PH PHASE
PLC PROGRAMMABLE LOGIC CONTROLLER
PNL PANEL
POT POTENTIOMETER
PP POWER PACK
PS PRESSURE SWITCH
PT POTENTIAL TRANSFORMER
PVC POLYVINYL CHLORIDE
PWR POWER
R RELAY, REVERSE, RUN, RAISE
RCPT RECEPTACLE
REF REFERENCE
REM REMOTE
RGS RIGID GALVANIZED STEEL CONDUIT
RIO REMOTE INPUT/OUTPUT
RMS ROOT MEAN SQUARE
RPM REVOLUTIONS PER MINUTE
RTU REMOTE TELEMETRY UNIT
RTD RESISTANCE TEMPERATURE DETECTOR
RVNR REDUCED VOLTAGE NON-REVERSING
RVR REDUCED VOLTAGE REVERSING
SA SURGE ARRESTER
SC SPEED CONTROL
SCADA SUPERVISORY CONTROL AND DATA ACQUISITION SYSTEM
SCU SPEED CONTROL UNIT
SH SUPPLY FAN
SH HEATER
S/N SOLID NEUTRAL SOLENOID
SP SPARE
SPD SPEED
SS START STOP
SST STAINLESS STEEL
ST SHUNT TRIP
SUB SUBSTATION
SV SOLENOID VALVE SWITCH
SW SWITCHBOARD
SWGR SWITCHGEAR
SYMM SYMMETRICAL
T THERMOSTAT, TRANSFORMER
TB TERMINAL BOARD, TEST BLOCK
TD TEMPERATURE DETECTOR, TIME DELAY
TDC TIME-DELAY CLOSING
TDO TIME-DELAY OPENING
TDR TIME DELAY RELAY
TEL TELEPHONE
TEMP TEMPERATURE
TJB TERMINAL JUNCTION BOX
TSP TWISTED SHIELDED PAIR
TST TWISTED SHIELDED TRIAD
TVSS TRANSIENT VOLTAGE SURGE SUPPRESSOR
TYP TYPICAL
UC UNLATCH COIL
UH UNIT HEATER
UNO UNLESS NOTED OTHERWISE
UPS UNINTERRUPTIBLE POWER SUPPLY
UVR UNDER VOLTAGE RELAY
V VOLTAGE, VOLTS
VCB VACUUM CIRCUIT BREAKER
VFD VARIABLE FREQUENCY DRIVE
VIB VIBRATION
VM VOLTMETER
VR VOLTAGE REGULATOR
VS VOLTMETER SWITCH
W WATTS
WHD WATT HOUR DEMAND METER
WM WATTMETER
WP WEATHERPROOF
XD TRANSDUCER
XFMR TRANSFORMER
XPDR TRANSPONDER
Z IMPEDANCE
ZS POSITION SWITCH

ABBREVIATIONS-2

A AMPERE, AUTOMATIC
AC ALTERNATING CURRENT
AFD ADJUSTABLE FREQUENCY DRIVE
AFF ABOVE FINISHED FLOOR
ATS AUTOMATIC TRANSFER SWITCH
BKR BREAKER
C CONDUIT, CONTACTOR, CONDUCTOR, CLOSE
CPT CONTROL POWER TRANSFORMER
CR CONTROL RELAY
CT CURRENT TRANSFORMER, CABLE TRAY
DC DIRECT CURRENT
DP DISTRIBUTION PANEL
E EMPTY
F, FU FUSE
FREQ FREQUENCY
G GROUND
GEN GENERATOR
GFCI GROUND FAULT CIRCUIT INTERRUPTER
GND GROUND
HH HANDHOLE
HOA HAND-OFF-AUTO
HP HORSEPOWER
HS HAND SWITCH
HZ HERTZ
IC INTERRUPTING CAPACITY
J, JB JUNCTION BOX
KA KILOAMPERES
KV KILOVOLT
KVA KILOVOLT AMPERES
KW KILOWATTS
M MAGNETIC CONTACTOR COIL, MOTOR, MANUAL
MCC MOTOR CONTROL CENTER
MH MANHOLE, METAL HALIDE, MOUNTING HEIGHT
NC NORMALLY CLOSED
N.O. NORMALLY OPEN
NTS NOT TO SCALE
OL OVERLOAD RELAY
PB PULL BOX
RGS RIGID GALVANIZED STEEL CONDUIT
TYP TYPICAL
V VOLTAGE, VOLTS
W WATTS
WP WEATHERPROOF
XFMR TRANSFORMER

ABBREVIATIONS-3

A AMPERE, AUTOMATIC
ATS AUTOMATIC TRANSFER SWITCH
BKR BREAKER
C CONDUIT, CONTACTOR, CONDUCTOR, CLOSE
CR CONTROL RELAY
DC DIRECT CURRENT
F, FU FUSE
G GROUND
GFCI GROUND FAULT CIRCUIT INTERRUPTER
HH HANDHOLE
HP HORSEPOWER
HS HAND SWITCH
J, JB JUNCTION BOX
KA KILOAMPERES
KV KILOVOLT
KVA KILOVOLT AMPERES
KW KILOWATTS
M MAGNETIC CONTACTOR COIL, MOTOR, MANUAL
MCC MOTOR CONTROL CENTER
MH MANHOLE, METAL HALIDE, MOUNTING HEIGHT
OL OVERLOAD RELAY
PB PULL BOX
RGS RIGID GALVANIZED STEEL CONDUIT
TYP TYPICAL
V VOLTAGE, VOLTS
W WATTS
WP WEATHERPROOF
XFMR TRANSFORMER

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