



DEPARTMENT OF VETERANS AFFAIRS VA MEDICAL CENTER – ERIE, PA

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APPENDIX X

Abbreviations and Trademarks

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Organizations and Standards

ANSI - American National Standards Institute
IEEE - Institute of Electrical and Electronics Engineers
ICEA - Insulated Cable Engineers Association
NEC - National Electrical Code (NFPA No. 70)
NEMA - National Electrical Manufacturers Association
UL - Underwriters' Laboratories, Inc.

Other Abbreviations

A - Amperes (RMS symmetrical)
AFIE - Arc Flash Incident Energy (cal/cm²)
AIC - Amperes Interrupting Capacity (Three-Phase RMS sym.)
ASD - Adjustable Speed ac Drive
ATPV - Protective Clothing Arc Rating
ATS - Automatic Transfer Switch
C/B - Circuit Breaker
CHP - Combined Horsepower
CFLA - Combined Full Load Amperes
CT - Current Transformer
FLA - Full Load Amperes
FPB - Flash Protection Boundary
HP - Horsepower
IL - Max. Demand Load Current at PCC
ISC - Short-Circuit Current at PCC
kVA - Kilovolt-Ampere
kVAm - Kilovolt-Amperes of Motor Short Circuit contribution
kW - Kilowatt
L-L - Line-To-Line

LRA - Locked-Rotor Amperes

L.V. - Low Voltage

LSIG. - L = Long Time, S = Short time, I = Instantaneous, G = Ground fault protection

MCC - Motor Control Center

MCS - Molded Case Switch

Mohms - Milliohms

M.V. - Medium Voltage

OCPD - Overcurrent Protective Device

O.L. - Overload

PCC - Point of Common Coupling

PF - Power Factor

PPE - Personal Protective Equipment

PWM - Pulse Width Modulated

R - Resistance

RMS - Root-Mean-Square

SCA - Short-Circuit Amperes

SCAm - Short-Circuit Amperes of Motor Contribution

SCCR - Short-Circuit Current Rating

S.F. - Service Factor

sym. - Symmetrical

TCC. - Time Current Coordination graph

TCR - Trip Current Rating

TDD - Total Demand Distortion

THD - Total Harmonic Distortion

V - Line-To-Line Volts (RMS sym.)

WCR - Withstand Current Rating

X - Reactance

Z - Impedance

%Z - Percent Impedance