

INTERNATIONAL ELECTROTECHNICAL COMMISSION
COMMISSION ÉLECTROTECHNIQUE INTERNATIONALE

IEC 61010-1:2010/AMD1:2016
Edition 3.0 2010-06

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Amendment 1:2016

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**Safety requirements for electrical equipment for
measurement, control, and laboratory use –**

**Règles de sécurité pour appareils électriques de
mesurage, de régulation et de laboratoire –**

Part 1: General requirements

Partie 1: Exigences générales

CORRIGENDUM 1

Corrections to the French version appear after the English text.

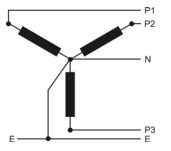
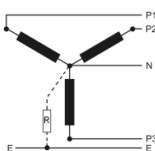
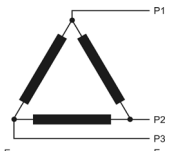
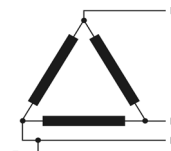
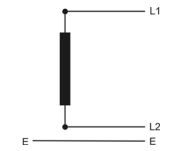
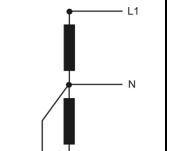
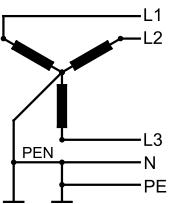
Les corrections à la version française sont données après le texte anglais.

Document Preview

[IEC 61010-1:2010/AMD1:2016/COR1:2019](https://standards.iteh.org/standards/iec/61010-1:2010/AMD1:2016/COR1:2019)

Replace Table I.1 with the following:

Table I.1 – Line-to-neutral voltages for common MAINS supply systems

MAINS systems and nominal voltages						Line-to-neutral voltage pertinent to MAINS system type and nominal voltage
Three-phase four-wire systems ^a with earthed neutral TT system	Three-phase four-wire systems ^a with unearthed neutral (IT systems) ^{b, c}	Three-phase three-wire systems unearthed	Three-phase three-wire systems with earthed phase	Single-phase two-wire systems a.c. or d.c.	Single-phase (split-phase) three-wire systems ^a a.c. or d.c.	
						
TN-C-S System 						
V	V	V	V	V	V	V
				12,5 to 48	30/60	50
66/115		66		60		100
120/208 127/220	120/208	110, 115 120, 127	100 120	100 110, 115 120, 127	100/200 ^d 110/220 115/230 120/240	150
220/380 230/400 240/415 260/440 277/480	230/400 277/480	200 220, 230, 240 260, 277, 347 380, 400, 415 440, 480	200 240	220 230 240	220/440 240/480	300
347/600 380/660 400/690 417/720 480/830	347/600 400/690	500 577 600	347 380, 400, 415 440, 480, 600	480	480/960	600
		660 690, 720 830, 1 000		1 000		1 000
<p>^a Voltages shown as two voltages separated by a “/” represent the phase-to-neutral (or line-to-neutral) voltage followed by the phase-to-phase (or line-to-line) voltage. For example, “120/208” indicates that the voltage from any phase to neutral is 120 V, and the voltage from any phase to another phase is 208 V. Likewise, “220/440” indicates that the voltage from either line-to-neutral is 220 V, and the voltage from line-to-line is 440 V.</p> <p>^b Z is an impedance which may connect neutral to earth (usually 1 500 Ω).</p> <p>^c When insulation is monitored, neutral of these systems is considered to be earthed.</p> <p>^d Practise in Japan.</p>						