



Certificate of Compliance

Certificate: 80011937

Master Contract: 300342

Project: 80086740

Date Issued: June 29, 2021

Issued To: Hioki E.E. Corporation
81 Koizumi
Ueda, Nagano, 386-1192
Japan

Attention: Inoue Tomoyuki

The products listed below are eligible to bear the CSA Mark shown with adjacent indicators 'C' and 'US' for Canada and US or with adjacent indicator 'US' for US only or without either indicator for Canada only.



Issued by: Jerry Villamar

PRODUCTS

CLASS - C363106 - ELECTRICAL MEASUREMENT AND TEST EQUIPMENT

CLASS - C363186 - ELECTRICAL MEASUREMENT AND TEST EQUIPMENT Certified to US Standards

Phase Detector, Model PD3129, PD3129-10, supplied by Two "AA" size batteries, rated 3.0VDC, 300mVA.

Notes:

1. The above models are internally powered Battery Operated Equipment, Pollution Degree 2, Hand-held equipment with Measurement Category CAT III (600V) for PD3129 and CAT IV (600V) & CAT III (1000V) for PD3129-10.
2. Mode of operation: Continuous
3. Environmental Conditions: Normal: 0 °C to 40 °C, 80 % RH or less, non-condensing, 2000 m max



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APPLICABLE REQUIREMENTS

CSA Standards:

- | | |
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| CAN/CSA C22.2 No. 61010-1-12, UPD1: 2015, UPD2: 2016, AMD1: 2018 | - Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use, Part 1: General Requirements |
| CAN/CSA-C22.2 No. 61010-2-030-18 | - Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use - Part 2-030: Particular requirements for testing and measuring circuits |

UL Standards:

- | | |
|--|--|
| UL 61010-1, 3 rd edition (2012), AMD1: 2018 | - Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use - Part 1: General Requirements |
| UL Std. No. 61010-2-030:2018 | - Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use - Part 2-030: Particular requirements for testing and measuring circuits |

CONDITIONS OF ACCEPTABILITY

- (1) The batteries to be used should be the manufacturer's declared "AA" type of R6P Manganese or the optional LR6 alkaline battery with rated supply voltage of 1.5VDC x2.
- (2) Equipment shall only be used and connected to Insulated Wire 3-phase circuit.
- (3) Equipment is not to be used with flammable liquids.



Supplement to Certificate of Compliance

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*The products listed, including the latest revision described below,
are eligible to be marked in accordance with the referenced Certificate.*

Product Certification History

Project	Date	Description
80086740	2021-06-29	Update report: 80011937 to add minor correction.
80011937	2020-04-23	Model Certification for Phase Detector PD3129-10