

HIOKI

PW9000, PW9001

WIRING ADAPTER

Instruction Manual

EN

May 2020 Revised edition 3
PW9000A980-03 20-05H

HIOKI

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All regional
contact
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Edited and published by HIOKI E.E. CORPORATION

Printed in Japan

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Warranty

Warranty malfunctions occurring under conditions of normal use in conformity with the Instruction Manual and Product Precautionary Markings will be repaired free of charge. This warranty is valid for a period of one (1) year from the date of purchase. Please contact the distributor from which you purchased the product for further information on warranty provisions.

Introduction

Thank you for purchasing the HIOKI Model PW9000/PW9001 Wiring Adapter. To obtain maximum performance from the device, please read this manual first, and keep it handy for future reference.

Specifications

Product warranty period	1 year
Operating environment	Indoors, pollution degree 2, up to 2000 m ASL
Storage temperature and humidity	-10°C to 50°C (14°F to 122°F), 80% RH or less (non-condensing)
Operating temperature and humidity	-20°C to 50°C (-4°F to 122°F), 80% RH or less (non-condensing)
Maximum input voltage	PW9000: 1000 V (between A and B, B and C, C and A) PW9001: 1000 V (between A and N, B and N, C and N) 1740 V (between A and B, B and C, C and A)
Maximum rated voltage to age to earth	1000 V, Measurement category III (anticipated transient overvoltage 8000 V) 600 V, Measurement category IV (anticipated transient overvoltage 8000 V)
Maximum rated current	1 A
Dielectric strength	6.880 kVrmsAC (50/60Hz, current sensitivity 1 mA) (Between voltage input terminals and case)
Applicable standard	EN 61010, A type
Dimensions	Approx. 125W×80H×32D mm (4.92"W×3.15"H×1.26"D) (Cable length: Approx. 152 mm (5.98"))
Mass	Approx. 190 g (6.7 oz.)

Overview

The Wiring Adapter are specially designed to facilitate connections to three-phase 3- and 4-wire systems using the PQ3198 Power Quality Analyzer. It can also be used with the PW3390 Power Analyzer.

PW9000 Wiring Adapter	For three-phase 3-wire (3P3W3M) Only three voltage cords need to be connected to the circuit, instead of six.
PW9001 Wiring Adapter	For three-phase 4-wire (3P4W) Only four voltage cords need to be connected to the circuit, instead of six.

Before Use

For more information about safety precautions and maintenance service, refer to the instruction manual for the device to which you plan to connect the wiring adapter.

	Indicates cautions and hazards. When the symbol is printed on the instrument, refer to a corresponding topic in the Instruction Manual.
	Indicates an imminently hazardous situation that will result in death of or serious injury to the operator.
	Indicates a potentially hazardous situation that may result in minor or moderate injury to the operator or damage to the device or malfunction.

CAUTION

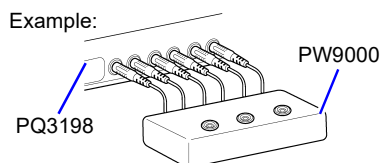
To prevent an electric shock accident, confirm that the white or red portion (insulation layer) inside the cable is not exposed. If a color inside the cable is exposed, do not use the cable.

Connecting a Wiring Adapter

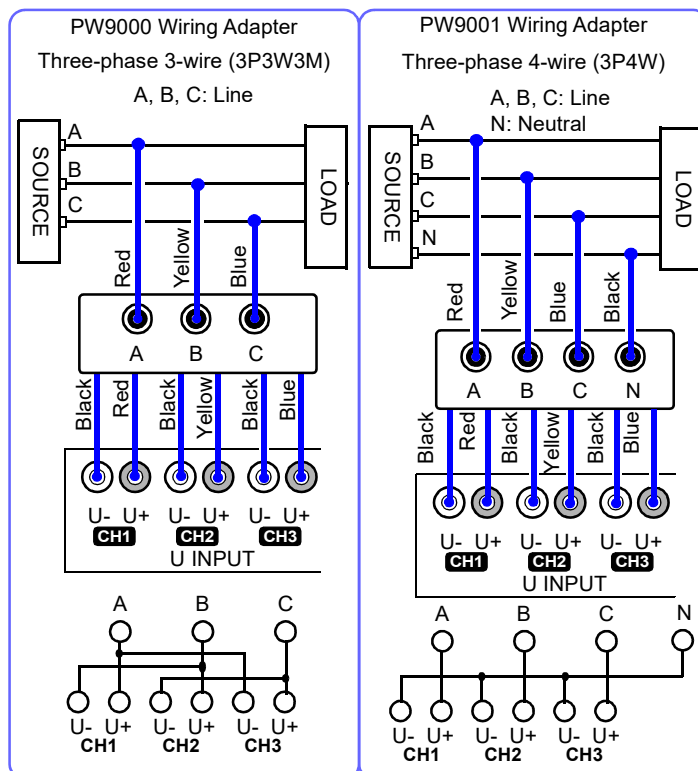
DANGER

- Do not exceed the maximum input voltage during measurement. Doing so may damage the adapter or cause injury.
- The maximum terminal-to-ground rated voltage is 1,000 V (Cat III) or 600 V (Cat IV). Do not exceed these voltages relative to ground during measurement. Doing so may damage the adapter or cause injury.
- The maximum input voltage and maximum terminal-to-ground rated voltage depend on the connected device.

Example:



Connect all 6 output pins on the wiring adapter to the voltage input terminals on the device to which it is being connected. Insert plugs all the way in.



For connection to the PW3390, see the PW3390 Instruction Manual.