

OMRON

Model **ZN9-ACP02-**□□

INSTRUCTION SHEET

Thank you for selecting OMRON product. This sheet primarily describes precautions required in installing and operating the product. Before operating the product, read the sheet thoroughly to acquire sufficient knowledge of the product. For your convenience, keep the sheet at your side.

TRACEABILITY INFORMATION:
 Importer in EU: Omron Europe B.V. Wegalaan 67-69 2132 JD Hooftdorp, The Netherlands
 Manufacturer: Omron Corporation, Shiokoji Horikawa, Shimogyo-ku, Kyoto 600-8530 JAPAN

The following notice applies only to products that carry the CE mark:
 Notice: This is a class A product. In residential areas it may cause radio interference, in which case the user may be required to take adequate measures to reduce interference.



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PRECAUTIONS FOR SAFE USE

Observe the following precautions to ensure safe operation.

- When smoking, abnormal heating and unusual odor occur, stop using the product. Please contact our regional office or sales office.
- Dispose of this product cable as industrial waste.
- This AC adapter is only for the products that are on the attached list.
- If a voltage that exceeds the rated voltage is applied to an AC adapter, smoking may occur. Do not connect a power supply that exceeds the rated voltage.
- Applicable standards(ZN9-ACP02-CE limited)
 - EN61326-1
 - Electromagnetic environment : Industrial electromagnetic environment (EN/IEC 61326-1 Table 2)

PRECAUTIONS FOR CORRECT USE

Observe the following precaution to prevent failure to operate, malfunctions, or undesirable effects on product performance.

- 1. Avoid installing the product in the following places:**
 - Places where ambient temperature and humidity exceeds the rating.
 - Places where temperature changes rapidly (prevent condensation).
 - Places where a product is exposed to corrosive gas or flammable gas.
 - Places where there is dust, iron powder and salt.
 - Places where there is direct shock or vibration on the product.
 - Places where a product is exposed to spray of water, oil, or chemicals.
 - Places where a product is exposed to strong magnetic and electric fields.
 - Places where a product is exposed to direct sunlight.
 - Over 2,000m above sea level .
 - Out doors.
- 2. Wiring**
 - Do not lay a product cable together with high voltage lines or power lines in the same conduit or duct, or induction noise from them may cause malfunction or breakdown of the product.
 - Do not put excess stress to a body and a cable of AC adapter, or connector comes off.
- 3. Power supply**
 - Do not short-circuit an AC adapter' plug.
 - Do not put strong impact to an AC adapter.
 - Do not drop an AC adapter from a high position.

MODEL explanation

Available cuntry can be checked by suffix below.

- ZN9-ACP02-□□
- PSE · · · Japan
 - CCC · · · China/Thailand
 - KC · · · Korea
 - CE · · · Europe/Singapore
 - UL · · · North America

* The above standard is just for an AC adapter.
 Please check the standard about connected products separately.

■ Ratings

Model	ZN9-ACP02	ZN9-ACP02	ZN9-ACP02	ZN9-ACP02	ZN9-ACP02
Item	-PSE	-CCC	-KC	-CE	-UL
Maximum rating input voltage	125VAC	240VAC	240VAC	240VAC	125VAC
Maximum rating input current	840mA max.				
Input Frequency	47 to 63 Hz				
Output voltage	24VDC±5%				
Output current	1.5A max.				
Ambient temperature range	Operating: 0 to 40°C Storage: -20 to 80°C (with no icing or condensation)				
Ambient humidity range	Operating and storage: 5%RH to 95%RH (with no icing or condensation)				
Weight(Packed state)	Approx.300g				
Accessories	Instruction Sheet(This sheet),Products list for ZN9-ACP02-□□				

PRECAUTIONS ON SAFETY

I Meanings of Signal Words

WARNING (Warning symbol) Meanings of Signal Words Indicates a potentially hazardous situation which, if not avoided, will result in minor or moderate injury, or may result in serious injury or death. Additionally there may be significant property damage.

I Definition of Symbols

(Mandatory symbol)	I Mandatory Requirement Indicates a general mandatory requirement.
(Prohibition symbol)	I Disassembly Prohibition Indicates the possibility of accidents such as an electric shock caused by unit disassembly.

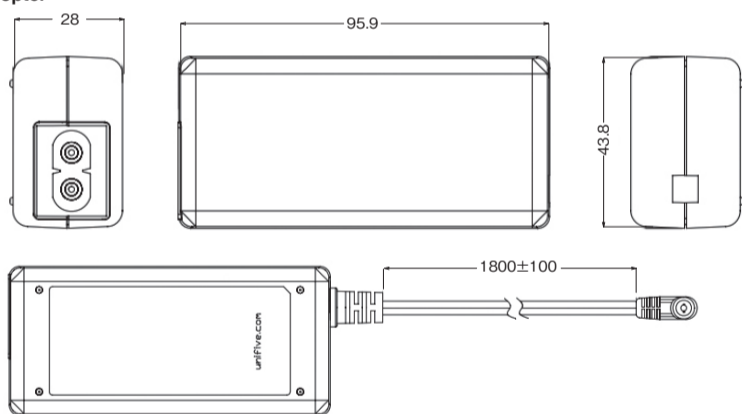
I Warnig indications

WARNING (Warning symbol)	
Do not touch a power plug by wet hand, or you might get a electrical shock.	(Mandatory symbol)
An electric shock may occur. Do not attempt to disassemble, repair or modify the product	(Prohibition symbol)

■ Dimensions

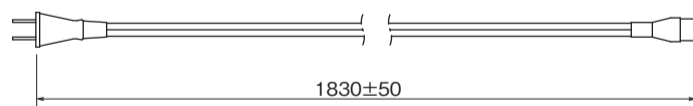
(Unit: mm)

AC adpoter

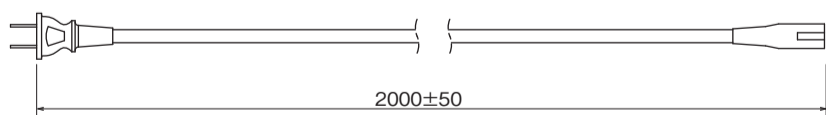


AC cable

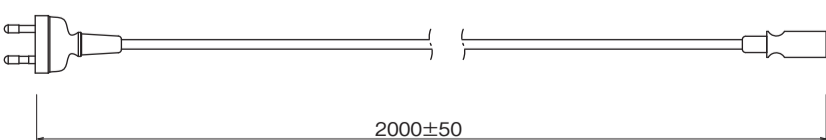
ZN9-ACP02-PSE



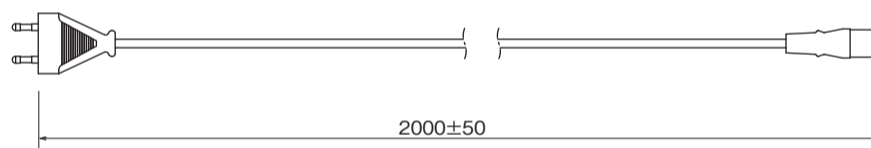
ZN9-ACP02-CCC



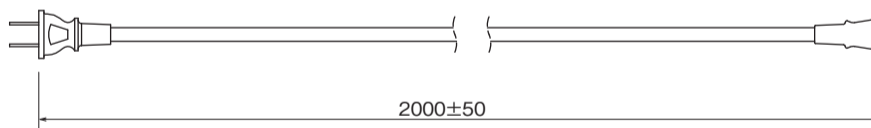
ZN9-ACP02-KC



ZN9-ACP02-CE



ZN9-ACP02-UL



Suitability for Use

Omron Companies shall not be responsible for conformity with any standards, codes or regulations which apply to the combination of the Product in the Buyer's application or use of the Product. At Buyer's request, Omron will provide applicable third party certification documents identifying ratings and limitations of use which apply to the Product. This information by itself is not sufficient for a complete determination of the suitability of the Product in combination with the end product, machine, system, or other application or use. Buyer shall be solely responsible for determining appropriateness of the particular Product with respect to Buyer's application, product or system. Buyer shall take application responsibility in all cases.

NEVER USE THE PRODUCT FOR AN APPLICATION INVOLVING SERIOUS RISK TO LIFE OR PROPERTY WITHOUT ENSURING THAT THE SYSTEM AS A WHOLE HAS BEEN DESIGNED TO ADDRESS THE RISKS, AND THAT THE OMRON PRODUCT(S) IS PROPERLY RATED AND INSTALLED FOR THE INTENDED USE WITHIN THE OVERALL EQUIPMENT OR SYSTEM. See also Product catalog for Warranty and Limitation of Liability.

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