

Instruction Manual for CK5W-EXS01 UNIT

© OMRON Corporation 2021 All Rights Reserved.

5680928-1A

Precautions for Compliance with UL/CSA Standards, EU Directives and UK Legislations

Notice to Users of the CK5W-EXS01 in the USA, Canada and Europe
This manual must be consulted in all cases in order to find out the nature of the potential HAZARDS and any actions which have to be taken to avoid them.

If the equipment is used in a manner not specified by the manufacturer, the protection provided by the equipment may be impaired.

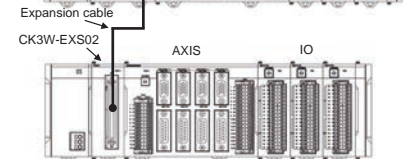
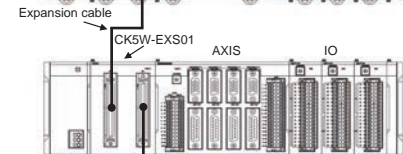
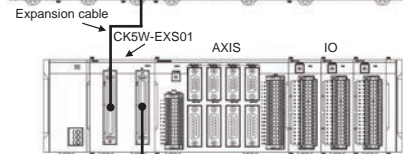
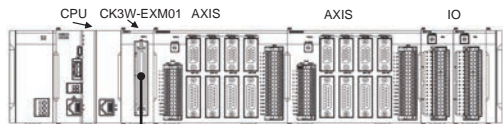
This product is used as industrial equipment and is defined as an in-panel device and must be installed within a control panel.

● **Model**

CK5W-EXS01

● **Electrical Rating**

CK5W-EXS01



All external power sources must be class 2 or SELV power supplies with F4A over-current protection.

[Power consumption]

CK5W-EXS01: 5 V DC, 0.2 W

● **Environment**

Indoor use only.

Altitude: 2,000 m max.

Surrounding Air Temperature: 0 to 55 °C

Surrounding Air Humidity: 10 to 95%

Pollution Degree 2

● **Cleaning**

Do not use paint thinner or similar chemical to clean with.

Use a dry cloth.

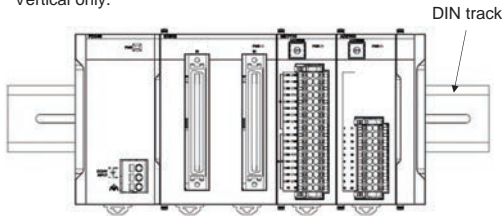
● **Enclosure Type**

Please use this product in a control board.

Enclosure type: Type 1 or more.

● **Direction of Installation**

Vertical only.



● **Wiring Diagram**

● **EXP Interface**

To connect EXP Unit, use the following cable.

CK3W-CAX003A

Conformance to UL/CSA Standard

Accessory Cable

Customer must use the following cable for expansion.

Interface	Model	Manufacturer
Expansion Cable	CK3W-CAX003A	OMRON Corporation

The accessory cables are internal wiring only.

Separate the accessory cable 50.8 mm (2 inch) or more from more than 150 V circuit, 6.4 mm (1/4 inch) or more from less than 150 V circuit.

Conformance to EMC regulations

This is a class A product. In a residential areas it may cause radio interference, in which case the user may be required to take adequate measures to reduce interference.

Conformance to KC Standard

사용자안내

이 기기는 업무용 환경에서 사용될 목적으로 적합성평가를 받은 기기로서 가정용 환경에서 사용하는 경우 안전과 관련된 우려가 있습니다.



OMRON Corporation Industrial Automation Company
Kyoto, JAPAN

Contact: www.ia.omron.com

Regional Headquarters

OMRON EUROPE B.V.

Wegalaan 67-69, 2132 JD Hoofddorp

The Netherlands

Tel: (31) 2356-81-300

Fax: (31) 2356-81-388

OMRON ELECTRONICS LLC

2895 Greenspoint Parkway, Suite 200

Hoffman Estates, IL 60169 U.S.A.

Tel: (1) 847-843-7900

Fax: (1) 847-843-7787

OMRON ASIA PACIFIC PTE. LTD. OMRON (CHINA) CO., LTD.

No. 438A Alexandra Road #05-05/08 Room 2211, Bank of China Tower,

(Lobby 2), Alexandra Technopark, 200 Yin Cheng Zhong Road,

Singapore 119967 Pu Dong New Area, Shanghai,

Tel: (65) 6835-3011 200120, China

Fax: (65) 6835-2711 Tel: (86) 21-5037-2222

Fax: (86) 21-5037-2200

Note: Specifications subject to change without notice.

Printed in China