



Transformer 12-24VDC

Installation Manual

Instructions for :-

KSTR12-24 Transformer 12-24VDC

For safe and correct use please read this installation manual and the relevant Mitsubishi Electric installation manual

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Safety Precautions

Safety

For your safety first be sure to read Safety Precautions described below thoroughly and then install the Transformer correctly.

The following two symbols are used to denote dangers that may be caused by incorrect use and their degree:

-  **WARNING** This symbol denotes what could lead to serious injury or death if you misuse the Sensor
-  **CAUTION** This symbol denotes what could lead to personal injury or damage to your property if you misuse the Transformer

After reading this installation manual, keep it in a place where the final user can see it at any time they want to. When someone moves, repairs or uses the Transformer, make sure that this manual is forwarded to the final user.

WARNING

Ask your dealer or technical representative to install the unit.

Any deficiency caused by your own installation may result in an electric shock or fire.

Firmly connect the wiring to the specified cables.

Carefully check that the cables do not exert any force on the terminals.

Never modify or repair the Transformer yourself.

Any deficiency caused by your own modification or repair may result in an electric shock or fire.

Ensure the installation work is carried out correctly following this installation manual.

Any deficiency caused by poor installation may result in an electric shock or fire.

All electrical work must be performed by a licensed technician, according to local regulations and the instructions given in this manual.

Any lack of electric circuit or any deficiency caused by poor installation may result in an electric shock or fire.

Do not move and re-install the Transformer Sensor yourself.

Any deficiency caused by poor installation may result in an electric shock or fire.

Ensure the installation work is carried out correctly following this installation manual.

Any deficiency caused by poor installation may result in an electric shock or fire.

CAUTION

Do not use in any special environment.

Using in any place exposed to oil (including machine oil), steam, and sulphuric gas may deteriorate the performance significantly or give damage to the component parts.

Wire so that it does not receive any tension.

Do not wash with water.

Do not install in any place where acidic or alkaline solution or special spray are often used.

Use wires in compliance with the current capacity.

Do not install in any steamy location such as a bathroom or kitchen.

Avoid any place where moisture is condensed into dew.

Do not touch any PCB (Printed Circuit Board) with your hands or with tools. Do not allow dust to collect on the PCB.

Do not install in any place at a temperature of more than 40°C or less than 0°C or exposed to direct sunlight.

Installation Instructions

Parts Supplied

Confirm that the following parts are enclosed in the packaging in addition to this Installation Manual.

1. Transformer
2. 2 x Exchangeable DC-Plugs

Description

K-Con Transformer 12 / 24VDC power supply changes mains alternating current to touch-safe low voltage. The correct power supply – 12 / 24VDC should be selected depending on the K-Con Sensor which is to be powered – please see the user manual of the sensor in question.

Install Instructions

1. Remove the exchangeable connector - Before removing the connector double check the polarity on the connector or plug.
2. Ensure that the polarity is marked up on the now trimmed wires. Another way of identifying the polarity of these wires is the wire with the white line is (+) the other is (-).
3. Fit suitable connectors to the wires before wiring into the sensor.
4. Please see the sensor wiring diagram for further information.
5. Ensure the sensor is suitably fixed into place using the supplied bracket. For other potential methods please contact K-Con technical for approval.

Disclaimer

Warranty:

All products manufactured on behalf of Mitsubishi Electric UK are warranted against defective materials for a period of three years from the date of delivery to the original purchaser.



Warning:

Mitsubishi Electric UK assumes no liability for damages consequent to the user of this product. We reserve the right to change this manual at any time without notice. The information furnished by us is believed to be accurate and reliable. However, no responsibility is assumed by us for its use, nor for any infringements of patents or other rights of third parties resulting from its use.

Please be sure to put the contact address/telephone number
on this manual before handing it to the customer.



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