



## esera 11228 V2 8 Fold High Power Switching Module or Binary Output User Guide

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## Introduction

- 8 outputs with high power relays with 10A / 16A switching capacity
- Separate power supply per output
- Push button interface for manual control of relay outputs
- LED indicator for active output
- Switching of DC or AC loads, such as lighting, heating or sockets
- DIN rail housing for control cabinet installation
- 1-Wire Bus interface (DS2408)

- Simple software control
- Low space requirement in the control cabinet
- Simple mounting

Thank you for choosing a device from ESERA. With the 8-fold digital output 8/8, DC and AC loads can be switched with a current of 10A continuous current (16A for 3 seconds).

#### **Note**

The module may only be operated at the voltages and ambient conditions provided for it. The operating position of the device is arbitrary.

The modules may only be put into operation by a qualified electrician.

For further information on the operating conditions, see the following instructions under “Operating conditions” in the User Guide.

#### **Note**

Before you start assembling the device and putting the product into operation, please read this Quick Guide carefully until the end, especially the section on safety instructions.

Please download the complete User Guide in PDF format from our website.

In the detailed User Guide you will find further information about the device, installation, function and operation.

The User Guide, connection diagram and application examples can be found at

<https://download.esera.de/pdflist>

If you have problems with downloading the documents, please contact our support by mail at [support@esera.de](mailto:support@esera.de)

We are very careful to act in an environmentally friendly and resource-saving way for you. That is why we use paper and cardboard instead of plastics wherever possible.

We would also like to make a contribution to the environment with this Quick Guide.

## **Assembly**

The mounting location must be protected against moisture. The device may only be used in dry and dust-free rooms. The device is intended for mounting inside a control cabinet as a stationary device.

## **Disposal note**



Do not dispose of the unit in household waste! Electronic devices must be disposed of at the local collection points for electronic devices in accordance with the Directive on Waste Electrical and Electronic Equipment!

## **Safety instructions**

VDE 0100, VDE 0550/0551, VDE 0700, VDE 0711 und VDE 0860

When handling products that come into contact with electrical voltage, the applicable VDE regulations must be observed, in particular VDE 0100, VDE 0550/0551, VDE 0700, VDE 0711 and VDE 0860.

- All final or wiring work must be carried out with the power turned off.
- Before opening the device, always unplug or make sure that the unit is disconnected from the mains.
- Components, modules or devices may only be put into service if they are mounted in a contact proof housing. During installation they must not have power applied.

- Tools may only be used on devices, components or assemblies when it is certain that the devices are disconnected from the power supply and electrical charges stored in the components inside the device have been discharged.
- Live cables or wires to which the device or an assembly is connected, must always be tested for insulation faults or breaks.
- If an error is detected in the supply line, the device must be immediately taken out of operation until the faulty cable has been replaced.
- When using components or modules it is absolutely necessary to comply with the requirements set out in the accompanying description specifications for electrical quantities.
- If the available description is not clear to the non-commercial end-user what the applicable electrical characteristics for a part or assembly are, how to connect an external circuit, which external components or additional devices can be connected or which values these external components may have, a qualified electrician must be consulted.
- It must be examined generally before the commissioning of a device, whether this device or module is basically suitable for the application in which it is to be used.
- In case of doubt, consultation with experts or the manufacturer of the components used is absolutely necessary.
- For operational and connection errors outside of our control, we assume no liability of any kind for any resulting damage.
- Kits should be returned without their housing when not functional with an exact error description and the accompanying instructions. Without an error description it is not possible to repair. For time-consuming assembly or disassembly of cases charges will be invoiced.
- During installation and handling of components which later have mains potential on their parts, the relevant VDE regulations must be observed.
- Devices that are to be operated at a voltage greater than 35 VDC / 12mA, may only be connected by a qualified electrician and put into operation.
- Commissioning may only be realized if the circuit is built into a contact proof housing.
- If measurements with an open housing are unavoidable, for safety reasons an isolating transformer must be installed upstream or a suitable power supply can be used.
- After installing the required tests according to DGUV / regulation 3 (German statutory accident insurance, [https://en.wikipedia.org/wiki/German\\_Statutory\\_Accident\\_Insurance](https://en.wikipedia.org/wiki/German_Statutory_Accident_Insurance)) must be carried out.

## Warranty

ESERA GmbH guarantees that the goods sold at the time of transfer of risk to be free from material and workmanship defects and have the contractually assured characteristics. The statutory warranty period of two years begins from date of invoice. The warranty does not extend to the normal operational wear and normal wear and tear. Customer claims for damages, for example, for non-performance, fault in contracting, breach of secondary contractual obligations, consequential damages, damages resulting from unauthorized usage and other legal grounds are excluded. Excepting to this, ESERA GmbH accepts liability for the absence of a guaranteed quality resulting from intent or gross negligence.

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## Documents / Resources

	<p><b><a href="#">esera 11228 V2 8 Fold High Power Switching Module or Binary Output</a> [pdf] User Guide</b> 11228 V2, 8 Fold High Power Switching Module or Binary Output, 11228 V2 8 Fold High Power Switching Module or Binary Output</p>
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