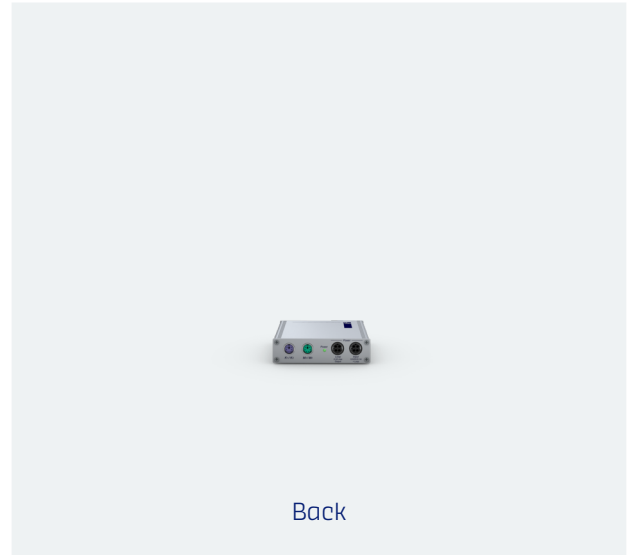
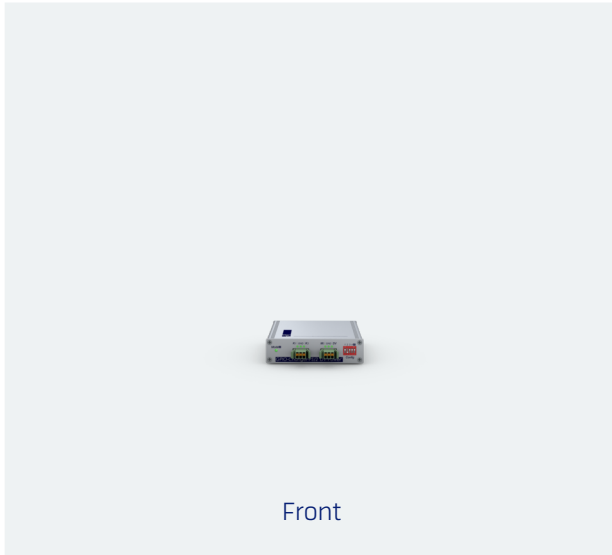


# GPIO-CHANGER-PS/2 DV-POWER INCL. POWERPACK

KVM add-ons, Article number A3130014



The GPIO-Changer-PS/2 is a signal converter, which makes it easy to use the GPIO function of compatible matrix switches and their end devices. GPIO stands for „general purpose input/output“ and refers to the transmission of simple switching states (on/off). Application fields include alarms in control rooms, the automation of critical monitoring states, or the typical "tally light" as on-air signal in broadcasting.

## SCOPE OF DELIVERY

| Quantity | Description                    | Article number |
|----------|--------------------------------|----------------|
| 1        | Twin-PS/2-M/M-2 cable PS/2 2m  | A6300102       |
| 1        | PowerCable-2 Standard cable 2m | A6300057       |

## DETAILS

### TRANSMISSION

- Switching states that are applied to the respective PS/2 contacts on the computer side are reproduced accordingly by the system on the receiver module on the user side, and vice versa.
- Each PS/2-interface is able to depict two GPIO-switching states

### DEVICE

- The signal converter can be used, for example, in the following fields of application:
  - Transmission of the signal of an emergency button on the operating side (alarms in control rooms)
  - Transmission of a switching signal on the computer, which controls an acoustic alarm or a visual signal in the form of a warning light (on-air signalling in broadcast)
- PowerPack not included in the scope of delivery for Basic variants

### WARRANTY

- A 3-year, free of charge product guarantee

## FEATURES

### DEVICE

- External power pack supplies up to three modules with power via the power loop function

## EXTENSIONS

### DEVICE

- External power supply via external 12V power pack or G&D-MultiPower, providing a central and redundant power supply

## TECHNICAL DATA

|                      |                                            |                       |
|----------------------|--------------------------------------------|-----------------------|
| General              | Product group                              | KVM add-ons           |
|                      | Product Family                             | GPIO-Changer          |
| Input options        | PS/2 mouse                                 | yes                   |
|                      | PS/2 keyboard                              | yes                   |
| Maintenance          | Update via                                 | no update possibility |
| Housing              | Material                                   | anodised aluminium    |
|                      | Width ca.                                  | 105 mm                |
|                      | Height ca.                                 | 26 mm                 |
|                      | Depth ca.                                  | 84 mm                 |
|                      | IP protection class                        | IP20                  |
|                      | Weight ca.                                 | 0.21 kg               |
| Operating conditions | Operating temperature                      | 5 °C to 45 °C         |
|                      | Operating air humidity, non-condensing     | 20 % to 80 %          |
|                      | Area of application                        | Indoor use            |
|                      | Maximum operating altitude above sea level | 3,000 m               |
|                      | Storage temperature                        | -20 °C to 55 °C       |
|                      | Storage air humidity, non-condensing       | 15 % to 80 %          |
|                      | MTBF                                       | 144,000 h at 25°C     |

|              |                        |                                                                                                                                                                                                                                                                   |
|--------------|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Power supply | Conformities           | CE compliant (see downloads)<br>UKCA compliant (see downloads)<br>FCC compliant (see manual)<br>TAA compliant (see downloads)<br>EAC compliant (see downloads)<br>RoHS compliant (see downloads)<br>WEEE (reg. no. DE30763240)<br>REACH compliant (see downloads) |
|              | Quantity               | 1                                                                                                                                                                                                                                                                 |
|              | Type                   | External                                                                                                                                                                                                                                                          |
|              | Input voltage          | 12 VDC                                                                                                                                                                                                                                                            |
|              | Current consumption    | 0.1 A                                                                                                                                                                                                                                                             |
|              | Power consumption idle | 1 W                                                                                                                                                                                                                                                               |
|              | Power consumption max. | 1 W                                                                                                                                                                                                                                                               |
|              | Heat output idle       | 1 W                                                                                                                                                                                                                                                               |
|              | Heat output max.       | 1 W                                                                                                                                                                                                                                                               |

## ACCESSORY PRODUCTS

| Image                                                                             | Description                                                                                                         | Article number |
|-----------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|----------------|
|  | <b>Twin-PS/2-M/M-5 cable PS/2 5m</b><br>Combined cable for connecting PS/2 keyboard and mouse channels;<br>lockable | A6300103       |

## MORE VARIANTS

| Description                                                                                                        | Article number |
|--------------------------------------------------------------------------------------------------------------------|----------------|
| <b>GPIO-Changer-PS/2 DV-Power Basic</b><br>Converter for GPIO-Pins of a PS/2 interface to a Phoenix-Contact block  | A3130013       |
| <b>GPIO-Changer-PS/2 Basic</b><br>Converter for GPIO-Pins of a PS/2 interface to a Phoenix-Contact block           | A3130011       |
| <b>GPIO-Changer-PS/2 incl. PowerPack</b><br>Converter for GPIO-Pins of a PS/2 interface to a Phoenix-Contact block | A3130012       |

# CONTACT

## WE ARE HERE FOR YOU!

If you have any further questions, we are looking forward to advising you on your individual project requirements.

### TECHNICAL SALES

Tel.: +49 271 23872-333  
Fax: +49 271 23872-120  
E-Mail: [sales@gdsys.com](mailto:sales@gdsys.com)

### HEADQUARTERS

Guntermann & Drunck GmbH Systementwicklung  
Obere Leimbach 9 | 57074 Siegen | NRW |  
Deutschland

Tel.: +49 271 23872-0  
Fax: +49 271 23872-120  
E-Mail: [sales@gdsys.com](mailto:sales@gdsys.com)

### US OFFICE

G&D North America Inc.  
4540 Kendrick Plaza Drive | Suite 100  
Houston, TX 77032 | United States

Tel.: +1-346-620-4362  
E-Mail: [sales.us@gdsys.com](mailto:sales.us@gdsys.com)

### MIDDLE EAST OFFICE

Guntermann & Drunck GmbH  
Dubai Studio City | DSC Tower  
12th Floor, Office 1208 | Dubai, UAE

Tel.: +971 4 5586178  
E-Mail: [sales.me@gdsys.com](mailto:sales.me@gdsys.com)

### APAC OFFICE

Guntermann & Drunck GmbH  
60 Anson Road #17-01  
Singapore 079914

Tel.: +65 9685 8807  
E-Mail: [sales.apac@gdsys.com](mailto:sales.apac@gdsys.com)