

# CCD-IO16-CARD-TRUNK4(M)

KVM matrix systems, Article number A2300096



I/O cards are modular cards for the ControlCenter-Digital with multiple in-/output ports to which you can connect user or computer modules.

## DETAILS

### TRANSMISSION

- The transmission distance is up to 400 meters over fiber multimode optics, incl. transmission module(s)/SFP transceiver(s)

### DEVICE

- Can be placed in one of the I/O slots of the ControlCenter-Digital matrix system
- The I/O-Card-Trunk4 reduces the grid lines required for a matrix grid by combining 4 of the 16 channels on one line.
- For transmission between two matrices, the four ports of an I/O-Card-Trunk4 can be configured independently for a 1:1 direct connection.
- Transmission between two I/O-Card-Trunk is carried by even more powerful components compared to the standard. These components let you use the fourfold of the bandwidth at the same time – thus saving you three quarters of the cabling effort.
- In addition to dedicated connection options, the I/O-Card-Trunk4 is also Ethernet-capable, thus allowing you to use existing network structures. You can even set up KVM matrix installations across locations and large distances if suitable connections are available. Multi-user access from several locations is also possible.

### WARRANTY

- A 3-year, free of charge product guarantee

## TECHNICAL DATA

|              |                                 |                                                                                                                                                                                                    |
|--------------|---------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| General      | Brand                           | G&D                                                                                                                                                                                                |
|              | Product group                   | KVM matrix switches                                                                                                                                                                                |
|              | Product Family                  | ControlCenter-Digital                                                                                                                                                                              |
|              | Country of origin               | Germany                                                                                                                                                                                            |
|              | KVM matrix system component     | Central module comp. (digital)                                                                                                                                                                     |
| Transmission | Number of transmission channels | 4                                                                                                                                                                                                  |
|              | Redundant transmission channels | no redundant KVM transmission                                                                                                                                                                      |
|              | Range                           | 400 m (50.0/125µm, OM4 - 4700MHz*km)<br>300 m (50.0/125µm, OM3 - 2000MHz*km)<br>82 m (50.0/125µm, OM2 - 500MHz*km)<br>66 m (50.0/125µm)<br>33 m (62.5/125µm, OM1 - 200MHz*km)<br>26 m (62.5/125µm) |
|              | Laser class                     | Class 1                                                                                                                                                                                            |
|              | Type of interface               | LC-Duplex                                                                                                                                                                                          |
|              | Wavelength                      | 850 nm                                                                                                                                                                                             |
|              | Medium                          | Fiber MM                                                                                                                                                                                           |
|              | Data rate                       | 10 Gbit/s                                                                                                                                                                                          |
| Maintenance  | Update via                      | ConfigPanel (Network)                                                                                                                                                                              |
|              | Serviceport settings            | 115200bps (8/N/1)                                                                                                                                                                                  |

|                      |                                            |                                                                                                                                                                                                                                                                   |
|----------------------|--------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Housing              | Material                                   | Anodised aluminium                                                                                                                                                                                                                                                |
|                      | Active cooling (fan)                       | yes                                                                                                                                                                                                                                                               |
|                      | IP protection class                        | IP20                                                                                                                                                                                                                                                              |
| Operating conditions | Operating environment 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 | 3,048 m                                                                                                                                                                                                                                                           |
|                      | Storage environment temperature            | -20 °C to 55 °C                                                                                                                                                                                                                                                   |
|                      | Storage air humidity, non-condensing       | 15 % to 85 %                                                                                                                                                                                                                                                      |
|                      | MTBF                                       | 100,000 h at 25°C                                                                                                                                                                                                                                                 |
|                      | 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) |

## MORE VARIANTS

| Description                                                                                                                                                            | Article number |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|
| <b>CCD-IO16-Card-CAT card f. CCD 16xCAT</b><br>Input/output module of the ControlCenter-Digital system                                                                 | A2300061       |
| <b>CCD-IO16-Card-Fiber blank without SFP-Transc.</b><br>Input/output module of the ControlCenter-Digital system                                                        | A2300086       |
| <b>CCD-IO16-Card-Fiber(M) card f. CCD 16xFiber(M)</b><br>Input/output module of the ControlCenter-Digital system                                                       | A2300062       |
| <b>CCD-IO16-Card-Fiber(S) card f. CCD 16xFiber(S)</b><br>Input/output module of the ControlCenter-Digital system                                                       | A2300063       |
| <b>CCD-IO16-Card-Multi card f. CCD 16xMulti</b><br>Input/output module of the ControlCenter-Digital system                                                             | A2300085       |
| <b>CCD-IO16-Card-Trunk4 blank without SFP-Transc.</b><br>Input/output module of the ControlCenter-Digital system including 4x 10G interfaces - without SFP-Transceiver | A2300098       |
| <b>CCD-IO16-Card-Trunk4(S)</b><br>Input/output module of the ControlCenter-Digital system including 4x 10G interfaces                                                  | A2300097       |

# CONTACT

## WE ARE HERE FOR YOU!

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

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