PowerSwitches

MultiPower 7.8

PowerSwitches

Central power sources & devices for remote power switching

G&D IF IT`S KVM

Experience the whole world of

KVM

G&D IF IT'S KVM

Guntermann & Drunck is regarded as a leading manufacturer of digital and analogue KVM equipment used in control rooms in air traffic control, broadcast studios, on ships and to monitor industrial processes.

With a powerful portfolio consisting of KVM extenders, switches and matrix switches, G&D's users get real added value. G&D provides the broadest KVM product portfolio at the market. Even with different features, all G&D products are compatible and can be combined. Our KVM solutions optimise the application of IT equipment and improve the working conditions for humans and computers.

No matter where KVM devices are installed, there's always one main requirement - robust, reliable, user-friendly and easy to operate KVM systems that can be adapted to future requirements and grow with your demands.

By short lines of communication G&D is able to solve challenging requirements and tailor systems to our customers' needs. We keep direct contact to our customers and are personally available. We are proactive and always keep an eye on the trends in the industry. Functionalities required by our customers are quickly implemented into our products. Our success can only be measured with our customers' satisfaction.

Trust in G&D for your optimal KVM solution.

The MultiPower series serves as the central power source of G&D devices that require an external power pack (12V - for example DVI-CPU or DVI-Extender-F).

With the MultiPower series, you can operate and supply 12V up to 12 different devices - depends on the variant. Connect the device you want to operate to one of the available Mini-DIN4 sockets.
The web application Config Panel provides a graphical user interface to monitor the central power supply (only NT variants)

The Multipower are functional and a space-saving solution for applications as in a server room and computer rack.

Top: MultiPower-12
Bottom: MultiPower-6

Features

- Central power supply for up to twelve devices, which require an external power pack
- Particularly suitable to save space in racks or server rooms, e.g. for the power supply of several DVI-CPUs
- Two internal power packs ensure a redundant power supply
- Several LEDs on the back panel show the device's operating status and the load of all switched on devices
- Updates are carried out via service port
- Display/monitoring capabilities via network
- Query relay contacts to monitor integrated power packs

Variants

- **MultiPower-12:** up to twelve output interfaces (depends on the device) supply G&D devices with 12V and max. 600mA.

- **MultiPower-12-NT:** up to twelve output interfaces (depends on the device) supply G&D devices with 12V and max. 800mA ConfigPanel integration with additional monitoring capabilities.

- **MultiPower-6:** up to six output interfaces (depends on the device) supply G&D devices with 12V and max. 1.2A.

- **MultiPower-6-NT:** up to six output interfaces (depends on the device) supply G&D devices with 12V and max. 1.6A ConfigPanel integration with additional monitoring capabilities.

- **MultiPower-2:** two output interfaces (depends on the device) supply G&D devices with 12V and max. 4A.

Installation

The MultiPower enables you to operate and supply 12V (max. 600 mA) up to 12 different devices.

Connect the device you want to operate to one of the available Mini-DIN4 sockets. The MultiPower receives power from one or two IEC plugs.

Expansion

There are no expansions available for this product.

MultiPower-6-NT - front view

MultiPower-2

MultiPower-2-24V rear view

MultiPower-2-24V front view

Technical data	MultiPower-2-24V
Power connection for external devices	
Interface	2 × Mini-DIN 4 socket
Voltage	12 VDC each
Current	4.0 A each
Power supply	
Type	External power pack
Connector	3-pin Phoenix connector
Voltage	24V DC
Power input	5.0 A
Housing	
Material	Anodised aluminium
Dimensions (W × H × D)	105 mm × 46 mm × 104 mm
Weight	360 g
Operational environment	
Temperature	+5 to +45 °C
Air humidity	< 80%, non-condensing
Conformity	CE, RoHS

MultiPower-6 & MultiPower-6-NT

MultiPower-6 rear view

MultiPower-6 front view

Technical data	MultiPower-6	MultiPower-6-NT
Power connection for external devices		
Interface	6 × Mini-DIN 4 socket	
Voltage	12 VDC each	
Current	1.2A each	1.6A each
Main power supply		
Type	Internal power pack	
Connector	1 × IEC plug (IEC-320 C14)	
Power consumption	100 - 240 VAC/60 - 50Hz; 1,2 - 0,5 A	100 - 240 VAC/60 - 50Hz; 1,4 - 0,6 A
Redundant power supply		
Type	Internal power pack	
Connector	1 × IEC plug (IEC-320 C14)	
Power consumption	100 - 240 VAC/60 - 50Hz; 1,2 - 0,5 A	100 - 240 VAC/60 - 50Hz; 1,4 - 0,6 A
Other interfaces		
Network	-	1 × RJ 45 socket
Service	-	1 × Mini-USB socket (type B)
Housing		
Material	Anodised aluminium	
Dimensions (W × H × D)	19" × 1 U × 154.5 mm	
Weight	1860 g	approx. 1900 g
Operational environment		
Temperature	+5 to +40 °C	
Air humidity	< 80%, non-condensing	
Conformity	CE, RoHS	

MultiPower-12 & MultiPower-12-NT

MultiPower-12 rear view

MultiPower-12-NT front view

Technical data	MultiPower-12	MultiPower-12-NT
Power connection for external devices		
Interface	12 × Mini-DIN 4 socket	
Voltage	12 VDC each	
Current	600 mA each	800 mA each
Main power supply		
Type	Internal power pack	
Connector	1 × IEC plug (IEC-320 C14)	
Power consumption	100 - 240 VAC/60 - 50Hz; 1,2 - 0,5 A	100 - 240 VAC/60 - 50Hz; 1,4 - 0,6 A
Redundant power supply		
Type	Internal power pack	
Connector	1 × IEC plug (IEC-320 C14)	
Power consumption	100 - 240 VAC/60 - 50Hz; 1,2 - 0,5 A	100 - 240 VAC/60 - 50Hz; 1,4 - 0,6 A
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List of item numbers

Item No.	Description
A4110043	MultiPower-2-24V
A4110032	MultiPower-6
A4110032-24V	MultiPower-6 24V
A4110040	MultiPower-6-NT
A4110030	MultiPower-12
A4110030-24V	MultiPower-12 24V
A4110041	MultiPower-12-NT

ABBREVIATIONS

CPU	=	Computer module		RM	=	For assembly in a 19" rack
PC	=	Computer module		DT	=	Desktop device
CON	=	User module				
REM	=	User module		DP	=	DisplayPort™
				A	=	Audio
MC2	=	Multi channel 2		R	=	RS232
MC3	=	Multi channel 3		U	=	integr. USB 2.0 up to 16 MBit/s
MC4	=	Multi channel 4		U2	=	transp. USB 2.0 Hi-Speed 480 Mbit/s
				D	=	Delay
M	=	Multi mode				
S	=	Single mode				
S+	=	Single mode+				

EQUIPMENT FEATURES

Audio		Modular setup
CAT cable		Monitoring
CrossDisplay-Switching		Multi user
Delay		Multi channel Video
DisplayPort™ 1.1		Network connection
DVI Dual link video		Power switching
DVI Single link video		Remote IP
Expansion		RS 232
Fiber optics		Screen Freeze
Keyboard/Mouse		Separate local/remote user
KVM over IP		Single user
KVM-NetworkCenter-Support		USB 2.0
Media control		VGA Video
Mix & Match		Web interface