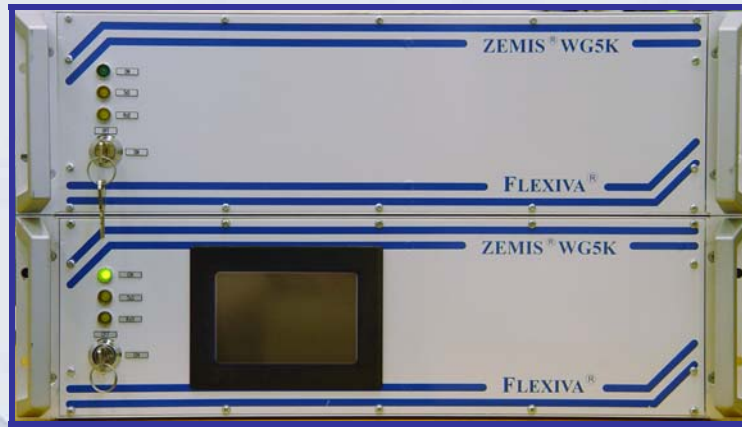


Modular DC Transformer System 2.5 – 5.0 kW



Special Properties:

- DC coupling of various electrical components (sources, drains, buffers), particularly suited for alternative energy systems
- Flexibility in combination of components by modular device concept with DC/DC transformer modules (0 - 350V DC) on common DC intermediate circuit (385V DC)
- Possibility of connecting modules in parallel to adjust the power and achieve a bidirectional energy flow (according to the operational characteristics of the components connected)
- Internal device controller to control the energy flow of the connected components to/from the intermediate circuit, to achieve monitoring functions and for adapting parameters
- Possibility of access through external energy management via LAN (TCP or Http) or Rs232
- Comfortable Windows software/ web interface to configure devices and modules
- Open software interface for simple integration into several systems
- Available in various extension stages and with various interface modules to adapt to the surroundings (with/without internal control with/without starting buffer)

Technische Daten:

Dimensions:	430mm x 370mm x 135mm
Mass:	6 - 16 kg (depending on equipment)
Temperature Range:	-20 - 50 °C
Cooling:	Fan for each individual module
Own Supply:	Starting buffer or 10-30 V, 5 -35 W (electrolytically separated)
Case:	19" 3HE 84TE depth 370mm
Efficiency:	> 85 %
DC-BUS Voltage:	365-385 V
Module Versions	DC/DC 0...30V, 0...45V, 0...60V, 0...120V, 0...350V / DC/AC 230V

Device Versions:	without controller	external controller	internal controller
Interfaces:	1 x RS232 for each module	1 x RS232 (multiplexer)	1 x LAN
Autonomous Operation:	no	no	yes
Energy Flow Control:	external	external	internal / external

Order-Number:	ZEMIS® WG5K010	ZEMIS® WG5K020	ZEMIS® WG5K030
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