

19 inch format

# Central supply unit

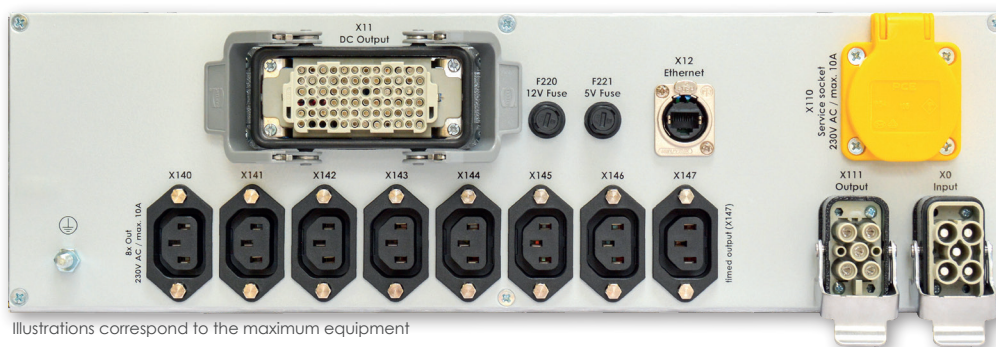
## ZV-L14125

The central supply unit from Löhnert Elektronik is used for component power supply in the tightest of spaces. The 19 inch format and ESD coating makes the central supply unit suitable for almost all fields.

The front panel is provided with a main switch and multiple signal lamps as supply unit status indicators. Behind a pull-down cover with a double-bit lock are multiple circuit breakers and an earth leakage circuit breaker. 5 electric fuses for the standard 24VDC are also concealed behind this cover.

3 selectable measuring devices are provided as an option for energy monitoring that can fulfil all today's requirements from a mere display to the connection to a computer. A network interface is provided on the back panel for communication with the measuring device.

Eight power sockets for connecting the 230VAC consumers and a service socket are installed on the back panel (service socket is live even when the main switch is switched off). In addition, there are 2 fine-wire fuses for the optional 12VDC or 5VDC low voltages. These can be tapped via a HAN72DD connector.



Product information

## Technical data

Housing	19 inch format 3 rack height units 530mm deep handle, colourless, anodised Pivot frame with double-bit lock
Paint:	Front panel with ESD coating RAL 7035 light grey
Indicators on the front panel:	LED signal lamp, green for L1, L2, L3 LED signal lamp, green for 24VDC / 12VDC / 5VDC LED signal lamp, red for "Fuse" fuse case
Main and Emergency off switch:	32A, red-yellow, 3-pin + N
Infeed:	400V/32A, 50/60 Hz, L1/L2/L3/N/PE
Power supply line via connector:	400V: 5 x 6mm <sup>2</sup> HanQ 4/2-F-C
Low voltage:	24VDC / 20A 5VDC / 5A 12VDC / 4.5A
Output:	8x power socket, 230V, á 10A, thereof 1x time-delayed (1s) 15x 24VDC, 5x 12VDC, 6x 5VDC via HAN72DD connector
Fuses:	1x RCD, type A, In: 40A, 30mA 1x LS switch, 3-pin C16A/C32A (depending on infeed) 12x LS switch, 1-pin C10A 5x E-fuse, 1-channel, OUT: 24V 2x G-fuse, 5x20mm, T5 A, fast (12VDC and 5VDC)
Service outlet:	230V/10A, yellow with cover (even when the main switch is switched off while the power is on)
RJ45 socket:	Configuration / Connection to measuring device
Measuring device:	
Janitza UMG96RM-E	<u>measuring accuracy</u> Work: Class 0.5 (... / 5 A)

Current: 0.5 %

Voltage: 0.2 %

Networks

TN, TT, IT networks

3 and 4-phase networks

Up to 4 single-phase networks

Voltage quality

Harmonics up to the 40th harmonic

Rotary field components

Distortion factor THD-U / THD-I

Interfaces

Ethernet

Communication

Modbus (RTU, TCP, Gateway)

TCP/IP

HTTP (freely configurable homepage)

FTP (file transfer)

SNMP

NTP (Time synchronisation)

SMTP (e-mail function)

DHCP

SNTP

TFTP

Measurement data memory

256 MB Flash

Network visualisation software

GridVis®-Basic (included in delivery)

Order number code

Measuring device

**00** - not available

**01** - Janitza UMG96RM-E

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