Type series BWZV..

load resistor for integration into 19-inch rack,IP20
3,0 – 6,75 kW, 230 VAC, 20 kW with 3x400 VAC

IP 20


BWZV 6441206

Wirewound lamina type fixed resistor in 19-inch rack for laboratory and datacentre applications. Designed in aluminium chassis, degree of protection IP 20, with forced ventilation by three built-in fans.

Technologies

- for thermal and electrical simulation
- slide-in module with different depths
- continuous power configurable
- protection degree IP 20
- low induction version possible
- forced ventilation by 3 built-in fans 230 V; 50 Hz., connection with C14-IEC connector

The type series can be used as testing and load resistor for power supplies in laboratories or used for thermal and electrical simulation of servers in datacentres. The hot air is blown out at the backside, small temperature rise at side plates of the chassis.
The 19-inch load resistor is equipped with wirewound lamina type resistors in different lengths and can be build in different rack units. With different combinations of the needed load, or different steps and switches, it is possible to build the version for your application.

Application

- load resistor for thermal and electrical simulation in datacenters
- load resistor for one- and three phase power supply, e.g. power supplies or frequency converters
- to be used in datacenters, laboratory and control engineering
- higher continuous dissipation with combination of several modules possible

Special design

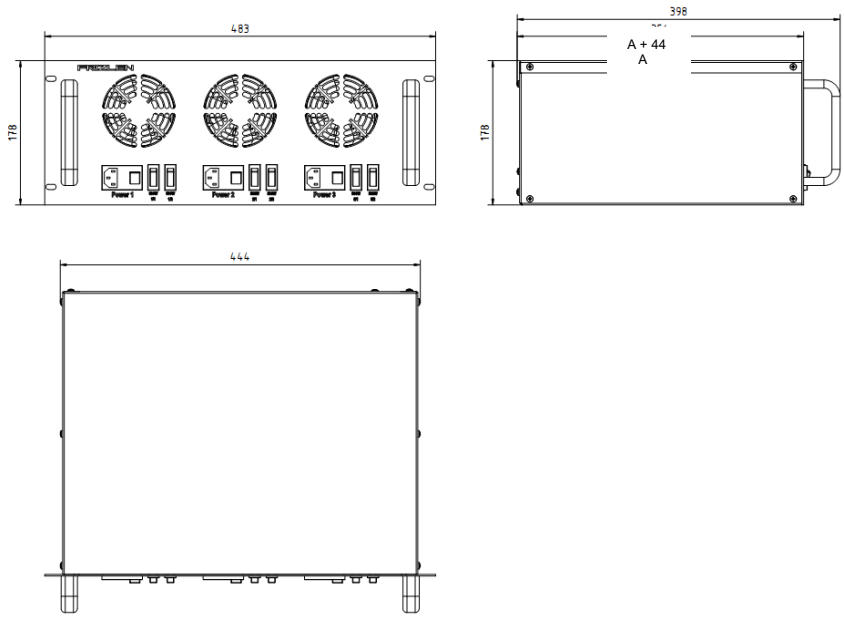
- other voltages on request
- optionally with customized connections
- with different fan voltage, e.g. 230VAC; 50 Hz or 24 VDC

Electrical and mechanical data

type with 4 HE - rack units	typical power in W, at 40°C and 100% DCF	ohmic value for 230 VAC in ohm	chassis-depth without grips dim. A	weight in kg
BWZV 6441206	6 x 500	6 x 106	440	14
BWZV 6451206	3 x 1500	3 x 35,3	580	19
BWZV 6461206	3 x 2000	3 x 26,5	580	20
BWZV 6461206	3 x 2250	3 x 23,5	580	20,5
Type 15 HE	in kW	for 3x400 VAC		
BWZV61564804	2 x 10	2 x 3 x 16	499	78

Outlet air temperature and volume flow vary depending on the chosen model and technical setup. Setup can be adjusted to individual demands.

BWZV 6441206 (example)



14M-0972-00-000

For the integration we recommend to use sliding or telescopic sliding rails.

Example of dimensioning:

Please contact us, for a detailed offer!