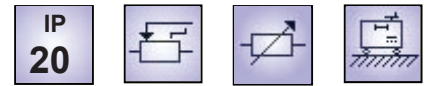




Type series BW 18 up to BW 81

load resistor unit up to 5,6 kW, adjustable,
for 14V and 28V DC voltage



Wirewound lamina type fixed resistor, degree of protection IP 20 in varnished steel sheet enclosure, in laboratory version with laboratory terminals, cam switch, fine adjustment device and rubber feet.

Technologies

- compact construction form
- continuous dissipation up to 5,6 kW
- for 14 V and 28 V, interchangeable
- BW 18 up to BW 20 for location on table with rubber feet
- BW 80 up to BW 81 for location on floor with 4 rollers
- gapless adjustment range of current and dissipation

The total power is divided into 6 or 10 equal steps, which are connected in parallel by a cam switch.

The current may be adjusted gaplessly (but not steplessly) by a power potentiometer or a slide resistor as a fine adjustment device in step 1. This version with 3 terminals is suited for 14V and/or 28V DC voltage.

The adjustment to the supply voltage is done by fitting an enclosed connection bridge between adequate terminals.

Supply voltages of e.g. 12 or 24 VDC can also be connected. Power or current are then reduced according to Ohm's law. Please look at page T406E.

Application

- use in laboratory or experimental setup
- as load resistor for a monophasic supply unit
- for testing or continuous loading of power packs or charging units
- for discharging of accumulators

Special design

- further power and voltage values on request

Electrical and mechanical data

| Type | typical power in kW at 40°C and 100% DCF | no. of steps | adjustment range of current in ampere at voltage of | | dimension in mm | | | | | | weight in kg |
|-------|--|--------------|---|------------|-----------------|-----|-----|-----|-----|-----|--------------|
| | | | 14 VDC (U/2) | 28 VDC (U) | D | E | F | G | H | K | |
| BW 18 | 1,2 | 6 | 1,5-86 | 0,75-43 | 230 | 295 | 182 | 310 | - | 216 | 8 |
| BW 19 | 2,0 | 6 | 3,0-142 | 1,5-71 | 290 | 410 | 200 | 440 | - | 234 | 14 |
| BW 20 | 2,8 | 10 | 4,0-200 | 2,0-100 | 290 | 410 | 335 | 440 | - | 370 | 20 |
| BW 80 | 4,2 | 10 | 5,0-300 | 2,5-150 | 430 | 500 | 450 | 700 | 101 | 430 | 35 |
| BW 81 | 5,6 | 10 | 6,0-400 | 3,0-200 | 430 | 600 | 600 | 800 | 101 | 524 | 50 |

