

Type series FDLZ..

Portable load- or discharge resistor 240 – 1280 W,
IP54, with switch and safety sockets



1000V
DC

IP
54



Short-circuit proof wirewound load- and discharge resistor to use as load for the batteries and discharging the capacitors. Version in protection degree IP 54, with load switch and safety sockets for measuring.

Technologies

- compact construction form
- short-circuit proof
- self-extinguishing
- protection degree IP 54
- incl. load switch and safety sockets
- portable solution
- for voltage up to 1000 VDC

All connections are mounted on terminals in the attached terminal box. A M25 cable gland can be used for cable inlet and strain relief. With additional sockets for measuring the voltage.

Electrical and mechanical data

type	continuous dissipation in W at 40°C, 100% DCF and surface excess temperature of 200 K	production range Ω -Wert		dimension in mm A	weight in kg
		from	up to		
FDLZ52202..	240	2,7	2,7 k	340	4,0
FDLZ52203..	360	1,8	1,8 k	340	4,2
FDLZ52204..	480	1,2	1,5 k	340	4,4
FDLZ52304..	640	1,8	2,2 k	395	5,0
FDLZ52404..	960	2,7	3,9 k	500	6,2
FDLZ52504..	1280	3,3	4,7 k	600	7,4

Application

Load resistor for batteries and discharging resistor for capacitors.

Relevant for the calculation is

- voltage
- storage capacity
- maximum discharging time
- maximum possible surface temperature

Due to the various applications and the voltage-/energy combinations exists no valid assignment.

Typical application with a various range:

from up to
voltage: 50 VDC and 1000 VDC,
capacity: 1 Farad and 100 Farad
energy: 50 and 500 kW
discharging time: 1 min. and 1 h

Special design

- with connection cable, shielded or unshielded cable, also with plug

