



Type series FZL / FZZL / FZDL

fixed resistors in laboratory design 65 – 3000 W



FZL 200x35

**IP  
20**

Cemented wirewound tubular fixed resistor in one-, two- or three-tube design, in laboratory version, enclosure with aluminium coloured varnish and rubber feet. Degree of protection IP 20.

### Technologies

- 2 safety sockets 4 mm
- 1 earthing safety socket 4mm
- completely closed enclosure
- rubber feet for location on tables

The safety sockets form a secure 4 mm plug system together with the adjusted safety plugs, which are protected by rigid insulation coverings. So you cannot touch any blank energised parts. The use of conventional 4 mm plugs is possible; we do not provide a lug connection.

### Application

These resistors are suitable for educational modelling and experimenting applications, for load testing in laboratories, schools and universities as well as for manufacturing. Engineering consultants and development divisions use these handy devices.

### Special design

- individual varnish on request
- with micro-fuse

### Electrical and mechanical data

Type series	typical power in W at 40°C, 100% DCF	production range $\Omega$ -value		dimension in mm			approx weight in kg
		from	to	H	O	R	
FZL 100x35	65	0,22	22k	82	137	66	0,5
FZL 200x35	150	0,56	47k	82	237	66	0,7
FZL 160x45	150	0,47	33k	92	206	75	0,7
FZL 200x45	180	0,68	39k	92	246	75	0,8
FZL 300x45	300	1,2	56k	92	346	75	1,1
FZL 300x65	430	6,8	47k	125	346	92	1,8
FZL 400x65	600	10	68k	125	446	92	2,3
FZZL 300x65	860	3,9	82k	125	346	185	3,6
FZZL 400x65	1200	5,6	120k	125	446	185	4,4
FZZL 500x65	1600	6,8	150k	125	546	185	5,4
FZZL 600x65	2000	8,2	180k	125	646	185	6,4
FZDL 500x65	2400	3,9	150k	125	546	275	7,8
FZDL 600x65	3000	5,6	180k	125	646	275	9,2

