

EN - For pricing and availability in your local country please visit one of the below links:

DE - Informationen zu Preisen und Verfügbarkeit in Ihrem Land erhalten Sie über die unten aufgeführten Links:

FR - Pour connaître les tarifs et la disponibilité dans votre pays, cliquez sur l'un des liens suivants:

[BFA105R6](#)

[BFA1560R](#)

[BFA2120R](#)

[BFA522R](#)

[BFA433R](#)

[BFA105R6..](#)

EN

This Datasheet is presented by
the manufacturer

DE

Dieses Datenblatt wird vom
Hersteller bereitgestellt

FR

Cette fiche technique est
présentée par le fabricant

High Power Resistors

Type BFA Series

Type BFA Series



These variable rheostats are produced using constantan (CuNi44) wire, wound onto ceramic formers, with insulated wire to give mechanical stability and good heat dissipation.

A leaf spring type wiper, with a ceramic handle is used to vary the resistance.

The resistors are protected with a perforated, pressed steel cover and three laboratory terminals are provided so that the unit can be used as a series resistor or potential divider.

These are ideal to provide variable current outputs in all laboratory environments.

Key Features

- Power Dissipation up to 10 Amps
- Tough Steel Box Construction
- 3 Terminals For Divider Use
- 10 Times Power - Short Time
- Operate up to 400°C
- Custom Designs Welcome

Characteristics - Electrical

Maximum Current (Amps):	10	5	4	2	1
Resistance (Ohms):	5.6	22	33	120	560
Maximum Continuous Power (Watts):	811	760	675	580	521
Element Size (mm):	400 x 60	400 x 60	400 x 60	400 x 60	400 x 40
Weight (Kg):	2.6	2.6	2.6	2.6	1.7

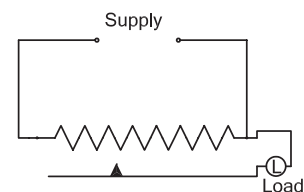
Resistor Tolerance: -10%

Resistor Values: Conforms to IEC Series E12

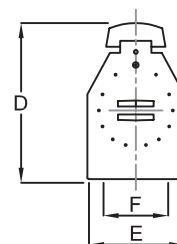
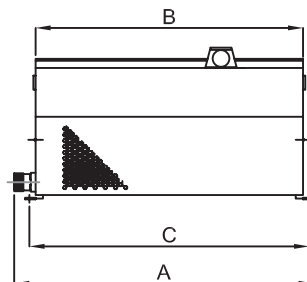
Connection Details Single Tube, Series Connected



Single Tube, Potentiometer Connected



Dimensions



Current Rating	A	B	C	D	E	F
10	450	405	420	153	94	63
5	450	405	420	153	94	63
4	450	405	420	153	94	63
2	450	405	420	153	94	63
1	450	405	420	132	68	47

How to Order

Most BF resistors are custom designed against customers required duty cycles. Our technical staff will issue R numbers against defined specifications.

EN - For pricing and availability in your local country please visit one of the below links:

DE - Informationen zu Preisen und Verfügbarkeit in Ihrem Land erhalten Sie über die unten aufgeführten Links:

FR - Pour connaître les tarifs et la disponibilité dans votre pays, cliquez sur l'un des liens suivants:

[BFA105R6](#)

[BFA1560R](#)

[BFA2120R](#)

[BFA522R](#)

[BFA433R](#)

[BFA105R6..](#)

EN

This Datasheet is presented by
the manufacturer

DE

Dieses Datenblatt wird vom
Hersteller bereitgestellt

FR

Cette fiche technique est
présentée par le fabricant