

BA Series

Aluminum Cased Resistor



Our Aluminum housed brake resistors are designed for high power and provide great stability. These resistors are constructed using wirewound on ceramic cores and isolated using a mica sheet for high dielectric properties. The aluminum house is filled with a high thermal conductivity material to ensure quick heat dissipation during continues applications. With the ability to have a thermal cut off switch embedded inside the aluminum housing, makes the BA series ideal for any safety application.

FEATURES

- Three extrusion forms available
- Heatsinkable
- Rugged design
- Up to 1000 watts
- Thermal cut-off available
- Scalable, custom lengths available
- Custom leads available

APPLICATIONS

- Dynamic Braking
- Motor Starting
- Power Control



SERIES SPECIFICATIONS

Series	Wattage*	Resistance range	Tolerance	Length
BA1160	500	0.5Ω - 18KΩ	±10%	160mm
BA2320	700	1Ω - 10KΩ	±10%	320mm
BA3266	1000	1Ω - 10KΩ	±10%	266mm

*Free air rating

CHARACTERISTICS

Overload	10 times rated wattage for 5 sec.
Power Rating	Free air; greater with heatsink
Dielectric Withstanding Voltage	2.5KV, 1 min., 50/60 Hz
Insulation Resistance	≥100MΩ
Working Voltage	1000V not to exceed max power rating
Max. Surface Temp.	385°C
Wire	UL listed 1199 PTFE 12 AWG

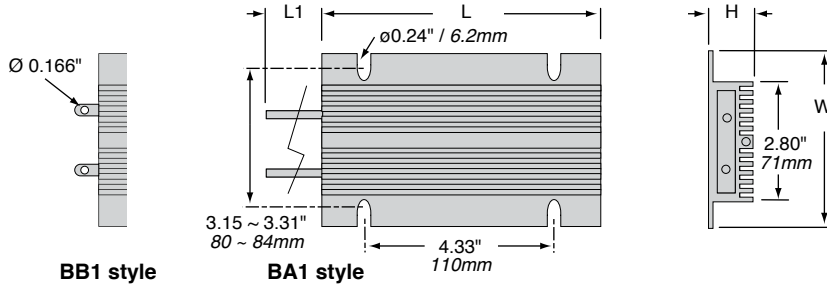
(continued)

BA Series

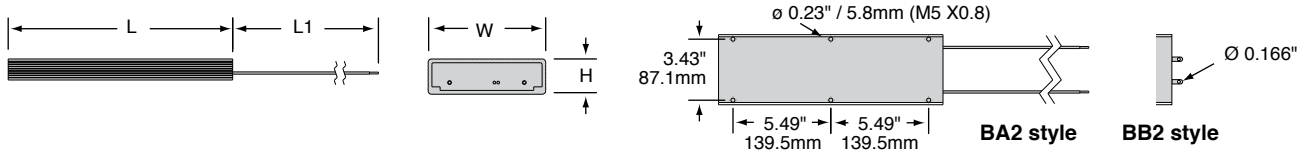
Aluminum Cased Resistor

DIMENSIONS

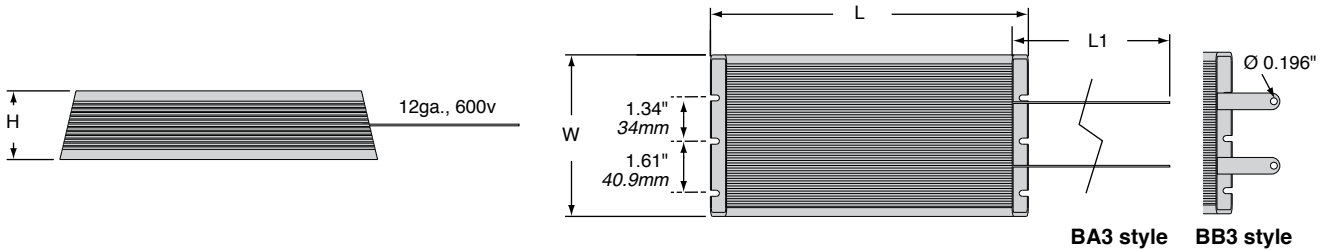
BA1 and BB1



BA2 and BB2



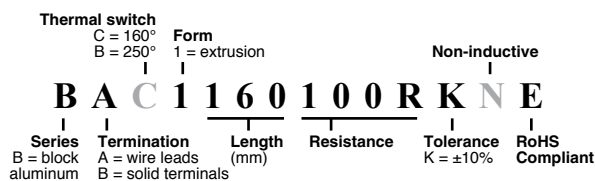
BA3 and BB3



Type	L*	L1	W	H
BA1	6.3" / 160mm	10" / 254mm	3.74" / 95mm	1.18" / 30mm
BB1	6.3" / 160mm		3.74" / 95mm	1.18" / 30mm
BA2	12.6" / 320mm	31.5" / 800mm	3.94" / 100mm	1.18" / 30mm
BB2	12.6" / 320mm		3.94" / 100mm	1.18" / 30mm
BA3	10.5" / 266mm	12" / 304.8mm	5" / 127mm	2.13" / 54.1mm
BB3	10.5" / 266mm		5" / 127mm	2.13" / 54.1mm

* Custom Lengths for Different Wattages

ORDERING INFORMATION



Standard part numbers

BAB1160R500KE	BAB232050R0KE
BAB11601R00KE	BAB32666R00KE
BAB11602R00KE	BAB326610R0KE
BAB116010R0KE	BAB326615R0KE
BAB116025R0KE	BAB326622R0KE
BAB232010R0KE	BAB326650R0KE
BAB232025R0KE	

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [Planar Resistors - Chassis Mount](#) category:

Click to view products by [Ohmite](#) manufacturer:

Other Similar products are found below :

[20-100RP](#) [BAB326622R0KE](#) [BDS2A10033RK](#) [TAP800K68RE](#) [BB326610R0KE](#) [TL88J136C](#) [BA416775R0KE](#) [TL122KU221RE](#)
[TGHDV100RJE](#) [TL71F9K40C](#) [FPA100 47K J](#) [RCEC750HV6802JB](#) [TAP650J4R7E](#) [TGHHV100RJE](#) [TGHHV33R0JE](#) [TGHHV500RJE](#)
[TGHHV5K00JE](#) [TGHHV5R00JE](#) [TGHHV680RJE](#) [TGHLV100RJE](#) [TGHLV150RJE](#) [TGHLV1K00JE](#) [TGHLV1R00JE](#) [TGHLV500RJE](#)
[TGHLV5K00JE](#) [TGHLVR100JE](#) [HTS-14-12-40-3/4.8](#) [HTS-14-24-40-3/4.8](#) [HTS-15-230-100-1](#) [HTS-15-230-100-3/4.8](#) [HTS-15-230-100-3/6.3](#) [HTS-15-230-150-3/6.3](#) [FPA100 100R J](#) [FPA100 1K5 J](#) [FPA100 3R3 J](#) [FPA100 4R7 J](#) [LPS0600HR400KB](#) [LPS0800L1001KB](#) [GBR-605-230-20-1](#) [GBR-605-230-60-2](#) [GBR-612-12-40-1](#) [GBR-612-24-40-1](#) [GBR-618-24-10-2](#) [GBR-618-24-5-2](#) [GBR-618-3-5-2](#) [GBR-618-9-5-2](#)
[GBR-619-230-60-2](#) [FPA100-1RJ](#) [FPA100 470R J](#) [HTS-14-230-100-3/4.8](#)