



BRVA432K

Braking High Power Resistor Assemblies

Our dummy load resistors are developed for voltage limiting in power plants. These resistors are currently supplied to hydrogen power plants and can also be used for solar, wind, and thermal power generation. Our resistors are ideal for managing overloading, providing reliable performance in demanding applications.



SPECIFICATIONS

SPST Normally Open High Voltage Contactors

- Power Rating: 9 kW
- Dielectric Strength:
 - Available options: DC2000 V for 1 minute
 - Current: 10 mA
- Maximum Pulse Power: 138 kW for 45 s / Off Time 1800s

APPLICATION

- Hydrogen Fuel Cell (Dummy Load)
- Inverter
- Hoists, Elevators, Servo Motors, Braking Systems in electric trains, Excavation machines, Conveyor belts, and subways (Braking Resistors)
- UPS systems (Overload testing)
- Vessels/ Wind turbines/ Transformers
- Trams, Metros, Trains (Auxiliary circuits)

GENERAL SPECIFICATIONS

MODEL	INSIDE	*MAX PULSE POWER [KW] *DUTY 45 SEC	*RESISTANCE RANGE[Ω]	TOLERANCE [%]
BRVA432K	BRV14400 x 3	BRV14400 x 3	2.0 ~ 240	J[±5%] K[±10%]

* One Single square pulse every 1800 Sec (square pulse =)



Hydrogen Fuel cell



Inverter



Braking Resistors



Excavation machines



Wind turbines



UPS



Conveyor belts Transformers



Auxiliary circuits



Servo motors



Vessels



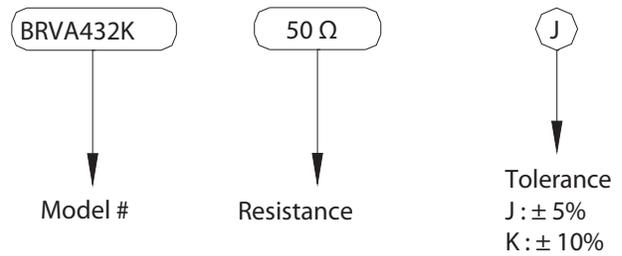
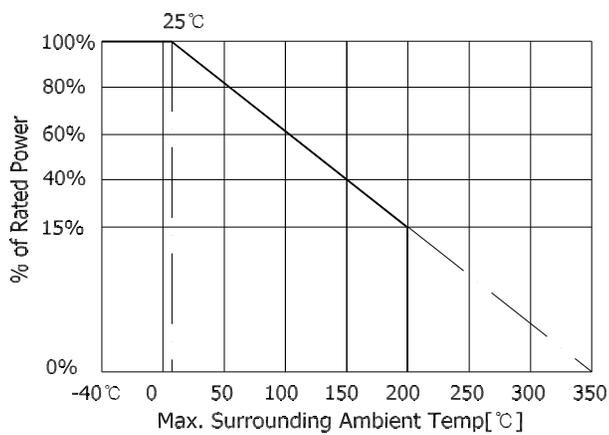
Escalators

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CHARACTERISTICS

TEST	CONDITION
Max.Surface Temperature	+350°C
Insulation Resistance	20MΩ minimum
Dielectric Strength	Available options : DC2000V for 1minute, Max leakage current : 10mA
Working Voltage	600VAC
Temperature Coefficient	Max. ± 260ppm/C
Short Time Overload	± [5%+0.05Ω] 10 X Power rating, 5seconds

SURFACE TEMPERATURE INCREASE VERSUS POWER LOAD & ORDERING PROCEDURE



* Options are available for these models, Please ask RARA

DIMENSION

