

Dynamic Braking Resistors

Powerohm manufactures a complete line of dynamic braking resistors used to dissipate the excess energy generated in regenerative servo and variable frequency drive (VFD) applications.

Our complete family of braking resistors is designed to deliver a variety of benefits.

- Customized braking resistors to meet your specific requirements, providing a high performance, economical solution for regen applications
- Increase the braking torque capability of a VFD, producing faster and more controlled braking
- Dissipate power to keep the bus voltage from exceeding the rated limit of the drive

For applications that require quick deceleration or have motor speeds exceeding the synchronous speed set by the output frequency of the drive, a dynamic braking resistor is required.

Data requirements:

Drive horsepower, drive input voltage, braking torque, duty cycle, minimum ohm rating specified for the drive/brake module and maximum allowable braking current.

Powerohm standard features:

NEMA1 or NEMA3 mill-galvanized enclosure, two-point terminal block and normally closed or normally open thermal overload switch.

Options:

CE/UL, raised hood, elevating feet, 304/316 Stainless Steel.



For more information,
contact sales@powerohm.com or 800-838-4694