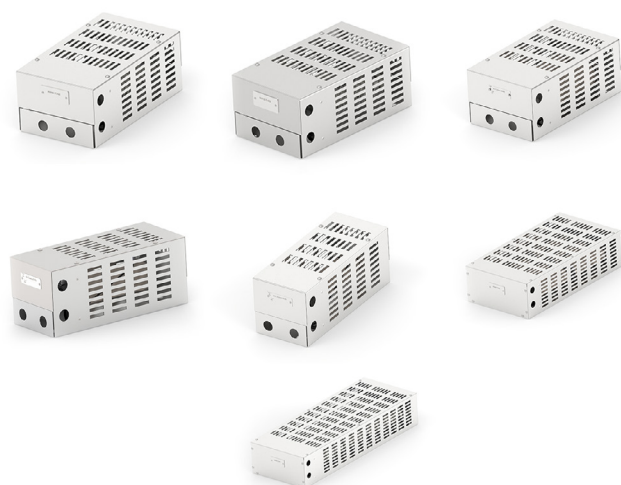


INTRODUCING

BRAKING RESISTOR ASSEMBLIES TYPE HPBA SERIES

- Produces faster, more controlled braking for drives
- Increases the braking torque of the drive system



TE Connectivity (TE)'s Braking resistor assemblies' type HPBA series is designed to increase the braking torque capability of a variable frequency drive. This produces faster and more controlled braking for the drive and increases the braking torque of the drive system. Each braking assembly is created using heavy gauge galvanized steel with a wired terminal block and provisions for an optional thermostat. They are constructed for harsh environments, while maintaining a professional design with a wide range of enclosures available. These resistors are offered in several combinations HP, input voltage and duty cycle to make sure an option is available for braking drives.

APPLICATIONS

- Variable frequency drives
- Servo motors and drives
- Industrial
- Warehouse automation
- Robotics

ELECTRICAL

- **Drive horsepower:** 0.5 HP to 500 HP; voltage dependent
- **Drive input voltage:** 230V, 460V, 575V
- **Duty cycle:** 5 duty cycles based on cycle time of one minute: 10%, 20%, 30%, 50%, 100%
- **Resistance tolerance:** 10%
- **Braking torque:** 100% and 150%
- **Peak braking current:** 0.5 amps to 800 amps

LEARN MORE

- [Braking resistor assemblies product page](#)
- [Braking resistor assemblies product flyer](#)
- [Braking resistor assemblies parts list](#)
- [Chassis mount resistors](#)

BENEFITS

- Available in 0.5 HP ~ 500 HP
- 24 enclosure options available
- 5 duty cycles and 3 drive input voltage designs
- 100% and 150% braking torque available

MATERIALS

- **Enclosure material:** Galvanized steel std, stainless steel hardware std

MECHANICAL

- **Thermostat:** Optional
- **Temperature:** 375°C max rated duty cycle