ZDR22-700 Water-cooled Braking Resistor

Features

- Stainless shell and heat-transfer filler separate water and electrics
- Resistor core withstands transient current surges
- Resistant to thermal expansion and contraction
- Fresh/pure-water cooling; high vibration resistance



Applications

High-power variable-frequency braking and load applications.

Electrical & Operating Specifications

Parameter	Specification
Rated voltage	8 kV
Rated power	700 kW
Voltage withstand	DC 10 kV
Insulation resistance	Cold ≥200 MΩ; hot ≥20 MΩ
Cooling	Fresh-water cooling
Protection	Sealed tank ≥IP68; other parts ≥IP44
Overall dimensions	1637×950×1250 mm

Design & Installation

Stainless tubular power resistors provide high reliability, thermal conductivity, voltage withstand and insulation.

Modular construction facilitates installation, use, maintenance and replacement.

High vibration resistance; install the specified vibration-absorbing rings at the base.