KZR40-24 Braking Resistor

Features

- Assembly of multiple SSTR1000 resistors
- Customized construction; high voltage withstand
- Designed for demanding vibration conditions



Applications

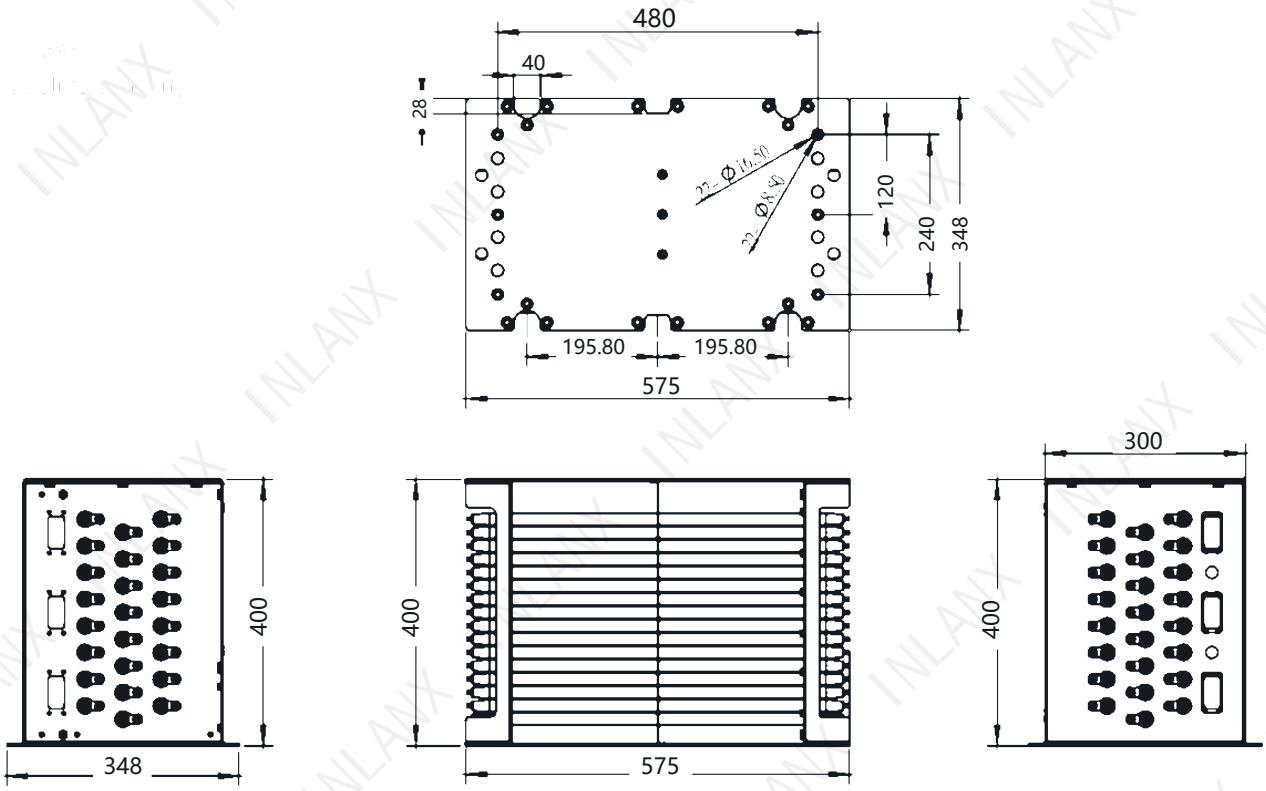
Capacitor discharge and high-power current discharge.

Electrical & Operating Specifications

Parameter	Specification
Rated operating voltage	600 V
Rated operating current	20 A
Short-time current	<40 A for 30 s
Rated resistance	15 Ω ±5%
Rated power	24 kW
Resistor arrangement	24 elements; 4 parallel × 6 series
Cooling	Forced-air cooling
Insulation withstand	DC 3.535 kV / 1 min; no breakdown or flashover
Terminal-to-enclosure withstand	≥DC 5 kV, long-term
Insulation resistance	≥100 MΩ at 15-35°C, 20-95% RH; terminal-to-terminal and terminal-to-enclosure
Overall dimensions	600×300×400 mm
Weight	≤25 kg
Altitude derating	≤2000 m: 100%; at 3500 m: 70% rated power

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Outline Drawing • mm



Drawing Dimension Reference • mm

Item	Dimension
Drawing panel length	575 mm
Drawing panel width	348 mm
Drawing height	400 mm
End-view width	300 mm
Upper marked span	480 mm
Two marked hole pitches	195.80 mm; 195.80 mm
Hole diameters / quantities	22-φ16.50; 22-φ8.50
Other drawing dimensions	40; 28; 120; 240 mm

The integrated assembly may be customized to customer requirements.

Overall envelope and individual-view dimensions are listed separately. Use the corresponding views for mounting positions and hole patterns.