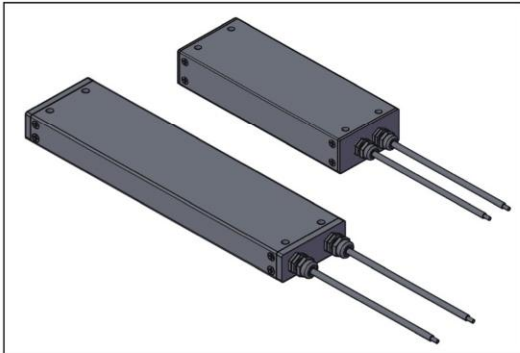
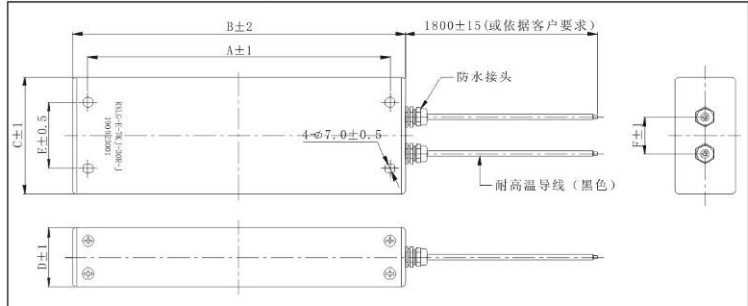


RXLG-E Aluminum shell wire-wound resistors with high energy impact resistance



Construction(mm)



Features

RXLG-E high energy shock resistance aluminum shell wire wound resistor is a kind of high power, high energy shock resistance, vibration shock resistance and high protection grade aluminum shell resistor developed for rail transit traction converter system. The products are used in China's standard EMU – Fuxing and many domestic urban planning subway projects.

- High withstand voltage
- High protection level
- High resistance to vibration and shock
- Resistant to high energy impact

Dimensions(mm)

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Energy/power	A	B	C	D	E	F
8KJ	200	220	80	40	45	25
33KJ	294	324	100	50	60	45
250W	220	240	80	40	45	25

Specification

Rated power/impact energy	8KJ	250W	33KJ
Resistance range	1 Ω ~ 50 Ω	1 Ω ~ 20K Ω	1 Ω ~ 100 Ω
Precision	± 5%; ± 10%		

Performance

Characteristics	Specifications	Test Methods
Proof voltage	No breakdown or flare	5600Vac, 60s ± 5s ₀
Insulation resistance	≥ 100M Ω	2500 ± 50V, 60s ₀
Protection level	Ip65 (fully sealed structure, waterproof, dustproof, salt spray, acid and alkali resistance)	
Vibratory impulse	ΔR ≤ ± (1%R+0.05R); Insulation resistance ≥ 100M Ω	Excellent shock resistance, in line with GB/T21563-2018 "Rail transit locomotive and vehicle equipment shock and vibration test" standards, Complete solution to internal packing leakage (sand leakage)
Steady damp heat	ΔR ≤ ± (5%R+0.1R)	Temperature 40 ± 2°C, Humidity 40 ± 2°C, time 96h.
load life in room temp	ΔR ≤ ± (5%R+0.1R)	Temperature 15 ~ 35°C, rated voltage, time 1000 ± 24h.
surface temperature rise	≤ 180K	Install a standard radiator and apply a rated voltage to achieve thermal stability.