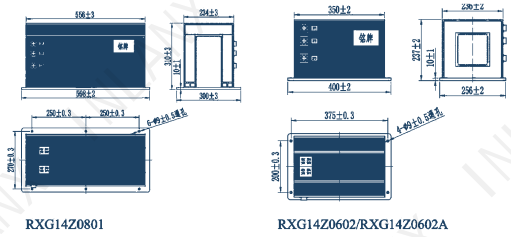
RXG14Z Series Resistance Box

Outline Drawing



RXG14Z0801 RXG14Z0602/RXG14Z0602A



RXG14Z0801, RXG14Z0602 and RXG14Z0602A are grouped as on the source page. Grade J; detail specification Q/RU 26004-2019. Dimensions and power may be customized.

Electrical Specifications

Model	Power W	Resistance Ω	Tolerance %	Temp. °C	Color	Mass kg
RXG14Z0801	10000	32	±5	−35~60	Black	≤56
RXG14Z0602	6000	32	±5	−35~60	Sea gray	≤40
RXG14Z0602A	6000	32	±5	−35~60	Sand	≤40

Main Inspection Items

Item	Test method	Requirement
Insulation resistance	1000 VDC, 1 min	≥100 MΩ
Dielectric withstand	2000 VAC, 60 s, 50 Hz	Leakage ≤5 mA; no flashover, arcing or breakdown; ΔR≤±5%R
Random vibration	Highway: 10–500 Hz, 0.00003–0.003 g²/Hz, 0.204–1.04 g, 120 min per axis; rough road: 5–500 Hz, 0.0008–0.6889 g²/Hz, 1.62–2.64 g, 40 min per axis	No mechanical damage; ΔR≤±5%R
Rain	Rainfall ≥100 mm/h; drop diameter 0.4–4.5 mm; horizontal wind 18 m/s; 30 min each side	No leakage; markings intact; ΔR≤±5%R; insulation meets requirements
Damp heat	30–60°C; RH 85–95%; 10 d	No damage; ΔR≤±5%R; insulation meets requirements
Fungus	GJB 150.10A-2009 Table 1 Group 2; 28 d	Growth no worse than Level 2 of Table 2
Salt fog	Alternating 24 h spray / 24 h dry; 96 h total	No corrosion; markings legible
Sand and dust	Blowing-dust procedure; 60°C	No damage or visible abrasion; ΔR≤±5%R
Rated power	25°C, UR, 90–100 s on, 10 cycles, 15 min apart	No damage; ΔR≤±5%R; insulation meets requirements

Ordering Information

RXG14Z0801-10kW-32Ω-J

Model / rated power / nominal resistance / tolerance J: ±5%.