RXL-A Series Braking Resistors

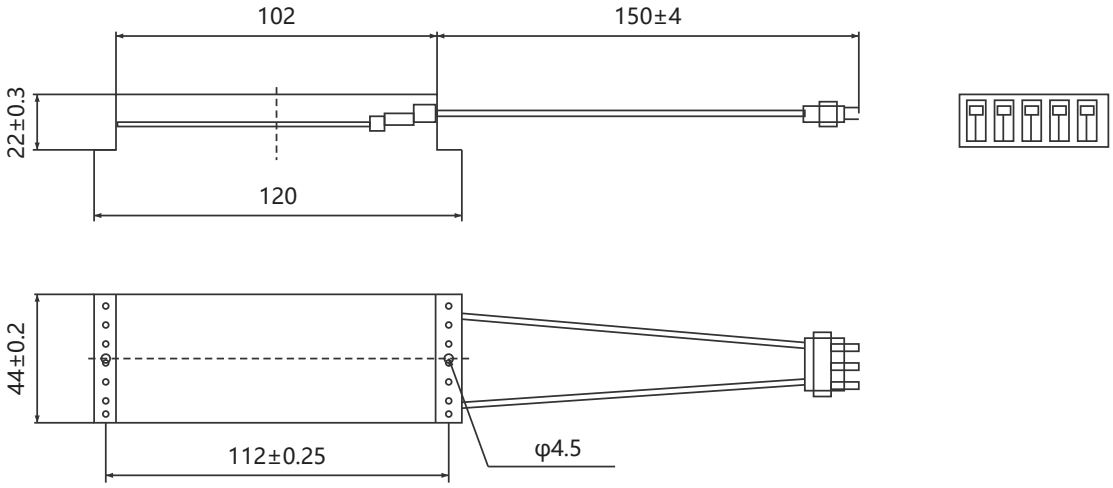
Product Overview

• Features: simple structure, excellent heat dissipation, compact size, high power and high energy absorption.

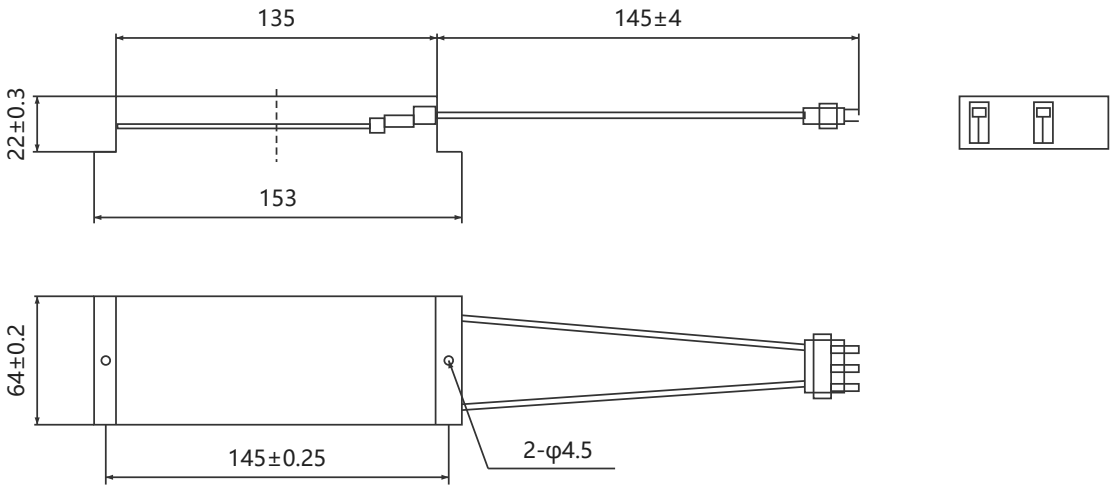
• Applications: braking in variable-frequency drives.



RXL-A-30W • Outline Dimensions (mm)



RXL-A-50W/150W • Outline Dimensions (mm)



Specifications

Model	Rated power (W)	Resistance range (Ω)
RXL-A-30W	30	1 ~ 300
RXL-A-50W	50	1 ~ 500
RXL-A-150W	150	1 ~ 500

Main Test Items

Test item	Test conditions	Performance requirements	Test standard
Insulation resistance	Voltage: (500±50)Vdc, 1min, between terminals and bracket	≥50MΩ	GB/T 5729-2003, 4.6
Voltage withstand	Voltage: 2500Vac, 1min, between terminals and bracket	No breakdown or flashover	GB/T 5729-2003, 4.7
Vibration	Frequency: (10 ~ 55)Hz; acceleration: 0.2mm or 1.3g; 6h	ΔR≤±(1.0%R+0.05Ω)	GB/T 2423.10-2019
Temperature rise	Ambient: (15 ~ 35)°C; rated power	≤450°C	GB/T 5729-2003, 4.14

Ordering Example

RXL-A	30W	30Ω	±5%	1000 pcs
Model	Rated power	Nominal resistance	Resistance tolerance	Quantity