



## Motor Control

RARA can design and build motor control resistors of any type for any application, including: Wound-rotor AC motors with slip ring starters, DC motor starters, Field discharge resistors, Torque-increasing resistors for use with soft starters and other similar applications.

-custom designed for your particular system  
-several stages of assembly depending on shipping needs



## STARTING RESISTOR WITH CONTROLLER

Model No.	Motor 2ndary Voltage	Motor 2ndary Current	Control Step	Motor Power
SRI(SRO)-5N	2000V max.	200A max.	3 to 4 steps	<200kW
SRI(SRO)-6N	2500V max.	400A max.	5 steps	500kW
SRI(SRO)-7N	2500V max.	600A max.	6 steps	750kW
SRI(SRO)-9N	3500V max.	1000A max.	8 steps	1000kW
SRI(SRO)-11N	4000V max.	1500A max.	10 steps	3000kW



### **CALCULATIONS**

#### **Minimum Information Needed for Model Selection:**

1. Motor Power \_\_\_\_\_ (kW), 2ndary Voltage \_\_\_\_\_ (V2), 2ndary current \_\_\_\_\_ (I2)
2. Duty Rate \_\_\_\_\_ (%ED) or Starting Rate \_\_\_\_\_ (Time/Hr)
3. Control Panel Supplied
4. Control step (Balanced \_\_\_\_\_ step)
5. Installation Location, Environmental Conditions or Applied Load
6. Starting Torque \_\_\_\_\_ (%) or GD2 of Motor and Load
7. Speed Control Range
8. Other Requirement