

# RHEOSTATS



## Vitrohm plate type

100-2000 WATTS 600 VOLT SERVICE

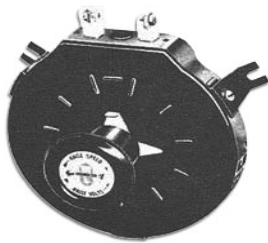


Fig. 1. Vitrohm pressed steel rheostat for front-of-board mounting.

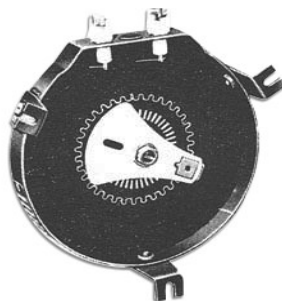


Fig. 2. 8" Vitrohm rheostat, Type S standard contacts, front-of-board mounting.



Fig. 3. 8" Vitrohm rheostat, Type M multi-step contacts, front-of-board mounting.

### STANDARD SIZE RHEOSTATS - 6", 8", 13" TYPES S and M

#### APPLICATION

Vitrohm pressed steel rheostats furnish a simple, accurate and economical method of field control. They are universally applied for adjusting generator, alternator and exciter field currents to obtain variations in output voltage and for field control of adjustable speed D.C. and synchronous motors. Other typical applications include heater, furnace, battery charging and other controls.

### 4" RHEOSTATS-300 Volt Max. Service

#### APPLICATION

Vitrohm 4" rheostats for 300 volt max. service are specially designed for field and other control applications.

### DANCER ROLL RHEOSTATS- 6, 8, 13 inch Types S and M

#### APPLICATION

Series 60DR rheostats are for dancer roll service on multi-motor drives where relative speeds between the motors must be maintained within specified limits. Typical applications of these field control rheostats include textile, paper, steel mills and others in the process machinery field.

**Consult Factory for all  
Requirements**

### MOTOR DRIVE ACCESSORIES-Type SMD

#### APPLICATION

Type SMD Accessories are for use with 8" or 13" rheostats where motor driven operation is required. Standard assemblies can be applied to drive up to four plates simultaneously. For larger 15 1/2" and 18" rheostats as well as the 13" size, a Type LMD large motor drive is available on order.

#### TO ORDER RHEOSTATS

- \* Consult Factory for price and availability
- \* If replacing and existing unit have the "K" number or serial number available.

#### FOR GENERATOR FIELD CONTROL SPECIFY:

1. Whether self-or separately-excited. If separately excited give voltage, field resistance (hot or cold) and minimum field current. If self-excited state maximum field current and field resistance (cold) under no load conditions, or peak generator voltage and field current at peak voltage and minimum generator voltage with field current at minimum voltage. For special control requirements supply saturation curve.
2. Open or enclosed
3. Type contacts
4. Type accessory.
5. Manual or motor drive
6. Optional or special

#### FOR OTHER APPLICATIONS SPECIFY:

1. Maximum and minimum current
2. Rheostat resistance.
3. Open or enclosed
4. Type contacts
5. Type accessory. If back-of-board mounting, state panel thickness
6. Manual or motor drive.
7. Optional or special features required.