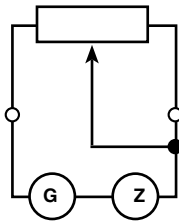
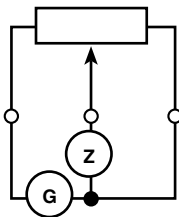


Wirewound Rheostats and Potentiometers Characteristics

RHEOSTAT MODE



POTENTIOMETER MODE



FEATURES

- 12 W to 500 W at 25 °C
- CCTU 05-03B



The performance of RT-RTE rheostats exceeds the requirements of specification CCTU 05-03B.

They have been designed for heavy duty applications such as repeated overloads, transients, shock and vibration conditions.

RT VITREOUS SERIES

Six sizes are available capable of dissipating 12, 25, 55, 100, 250 or 500 watts at 25 °C.

The resistive wire is protected by a proprietary Vishay Sfernice enamel fired at high temperature and free from any compound that could cause corrosion of the wire.

The maximum operating temperature of the RT series is 320 °C.

GANGED UNITS

Ganged units are available with different combinations of power and ohmic values (see data-sheet).

GRADED WINDINGS

These are recommended when the ratio is $\frac{I_{max}}{I_{min}} > 2$

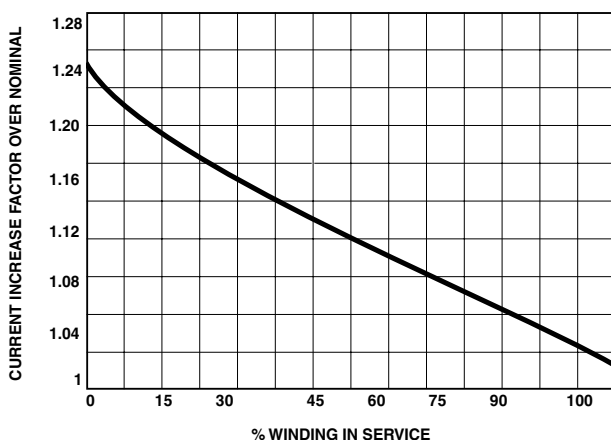
MAXIMUM OVERLOAD

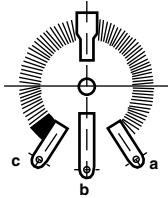
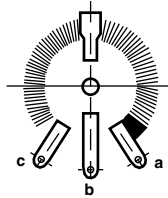
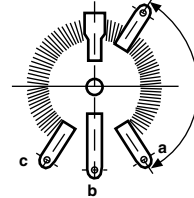
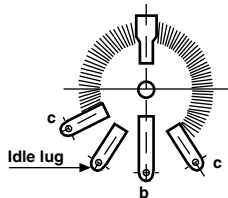
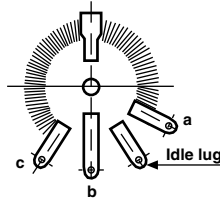
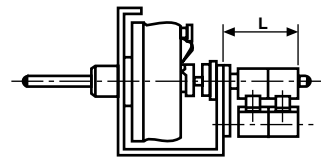
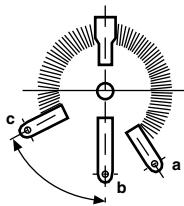
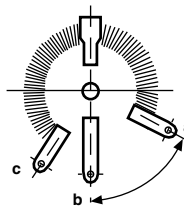
In rheostat use, the winding current decreases in relation to the number of turns being used.

When part of the winding is used the current can be increased in accordance with the graph on the left.

Substantially heavier overloads can be applied in short impulses and we would be pleased to advise on this type of application, on receipt of the following information:

- proposed rheostat usage
- current level
- operating cycles specifying duration of overload "ON", "OFF" periods.



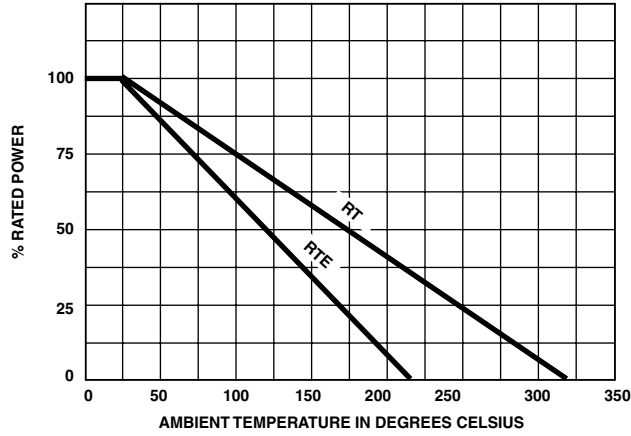
SPECIAL FEATURES
OFF POSITION LEFT
Code No.: 213700

OFF POSITION RIGHT
Code No.: 213600

FIXED TAPPINGS, ONE OR MORE
Code No.: RTP
Not available for RT12 and RT500

IDLE LUG LEFT
Code No.: DB1
Not available for RT12 and RT500

IDLE LUG RIGHT
Code No.: DB2
Not available for RT12 and RT500

DOUBLE MINI SWITCH
Not available for RT12

REDUCED LEFT TRAVEL
Not available for RT12 and RT500

REDUCED RIGHT TRAVEL
Not available for RT12 and RT500


Other special features are available.
Please consult Vishay Sfernice for all of your rheostat requirements.
All the positionings are defined when the shaft end is viewed (contrary to the above windings) clockwise detent.

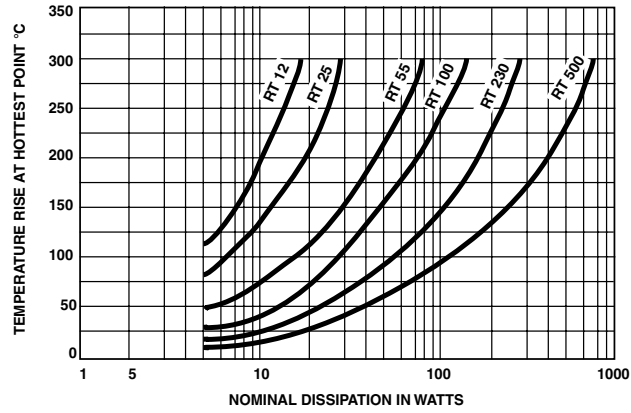
DIMENSIONS		
DOUBLE MINI SWITCH FOR SERIES AND SIZE	CODE	L mm
RT25	219410	29
RT55	219430	33
RT100	219450	33
RT230	219470	35
RT500	219480	35



POWER RATING CHART



TEMPERATURE RISE



ORDERING INFORMATION											
VITREOUS	RT	25	L			AS	3K3	± 10 %	B010	e	
	MODEL	STYLE	SHAFT LOCKING	VARIATION LAW	SPECIAL DESIGN	WINDING	COMMAND SHAFT	OHMIC VALUE	TOLERANCE	PACKING	LEAD (PB)-FREE
		DEVICE				Optional					
		Optional			Method N° Optional		If special, please supply a drawing				
ACCESOIRES	ACC	BOUTON		60JF		e			DB1		
	MODEL	KNOB		DIAL		LEAD (Pb)-FREE			SPECIAL FEATURES	IDLE LUG LEFT	

SAP PART NUMBERING GUIDELINES						
RT	25	L	AS	3301	K	B
MODEL	STYLE	LAW		OHMIC VALUE	TOLERANCE	PACKING
ACCRF	BOUTON	60JF				
MODEL	TYPE	STYLE				



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