HIGH VOLTAGE, LOW FREQUENCY GROUP

Maximum input voltage 2.5 x F (350 volts max.) F=frequency in cps. Input inductance 500 henries (approx.)

MODEL NO.	SWITCH TYPE	NO. OF DECADES	SIGNIFICANT FIGURES OF RESOLUTION	TYPE OF POTENTIOMETER	REMARKS
RT3	Push Button	5	5	None	Five decade unit. No potentiometer. For high voltage, low frequency use. Numbers engraved on push-buttons.
RT4	Rotary	5	6	1 turn	Same as RT-5 except for high voltage, low frequency use.
RT8	Rotary **(Heavy Duty)**	5	5	None	Five decades, no potentiometer. For high voltage, low frequency use. **Heavy duty** rotary switches with numbers on front panel.
RT9	Rotary **(Heavy Duty)**	5	6	1 turn	Five decade unit, one turn potentiometer. **Heavy duty** rotary switches. Numbers on front panel. For high voltage, low frequency use.

VERY HIGH VOLTAGE, LOW FREQUENCY GROUP

Maximum input voltage 2.5 x F (1000 V. max. at 400 cps) Input inductance 500 henries (approx.)

MODEL NO.	SWITCH TYPE	NO. OF DECADES	SIGNIFICANT FIGURES OF RESOLUTION	TYPE OF POTENTIOMETER	REMARKS
RT-14 (241)	Rotary **(Heavy Duty)**	5	5	None	Mechanically same as RT8, 5 decade.
RT-15 (312)	Rotary **(Heavy Duty)**	5	6	1 turn	Mechanically same as RT9, 5 decade with one turn pot.

The following table classifies the RatioTrans* according to their mechanical characteristics, i.e., type switch, form factors, etc.

PUSH BUTTON	ROTARY SWITCH	SHAFT DRIVEN	COAXIAL	STEPPING DECADE	BINARY	SPECIAL
RT-1, 1R RT-2, 2R RT-3, 3R	Light Duty RT-4, 4R RT-5, 5R RT-10R	RRT-1 (302) RRT-2 (303)	CRT-1 CRT-2 CRT-3 CRT-4	SRT-1 (400)	BRT-1 (222) BRT-2 (309)	NOTE: See Section IX for special units available.
	Heavy Duty RT-6, 6R RT-7, 7R RT-8, 8R RT-9, 9R RT-11R RT-12R RT-13R RT-14, 14R RT-15, 15R					

HEAVY DUTY SWITCHES

It should be noted that a number of RatioTran* models incorporate "HEAVY DUTY" switches. These are the multi-leaf solid silver instrument type switches insuring smooth action, long life, and extremely low contact resistance. Of most importance, however, extra intermediate position contacts and transient suppression resistors are provided. This feature is of great importance when using the RatioTran* with a sensitive null detector when operating near null.

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