

THYRISTOR STACK (TAC SERIES AC POWER CONTROLLER)

TOSHIBA (DISCRETE/OPTO)

TAC-30^{G1}_{J1} TAC-65^{G1}_{J1} TAC-100^{G1F}_{J1F}

RATINGS

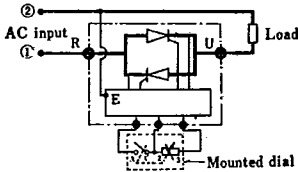
CHARACTERISTIC TYPE	Input Voltage (V)	Output Current (A) Ta=40°C	Output Voltage (TYPICAL) (V)
TAC-30 ^{G1} _{J1}	100±10%	30	5~90
	210±10%		5~195
TAC-65 ^{G1} _{J1}	100±10%	65	5~90
	210±10%		5~195
TAC-100 ^{G1F} _{J1F}	100±10%	100	5~90
	210±10%		5~195

CHARACTERISTICS

CHARACTERISTIC	TAC-30 ^{G1} _{J1}	TAC-65 ^{G1} _{J1}	TAC-100 ^{G1F} _{J1F}
Isolation Voltage	1500 V AC for 1 minute, 1000 V for 1 minute concerning VR		
Isolation Resistance	More than 100 MΩ with a 500-V megger		
Load	Resistive, inductive		
Control	2-position control (on, off) through manual continuous control contacts by a variable resistor		
Ambient temperature	-10~60°C		

APPLICATION

As diagramed below, connect input ① to the R terminal of the stack, connect the U terminal of the stack to a load and return back the lead to input ②. Connect the terminal E to ②. To control output current, use the mounted dial (with a scale plate).



The dial incorporates an on-off switch.

For two-position control, insert contacts between the C₃ terminal of the PC board and the A terminal of the dial.

※ The standard lead of 3 m length is furnished between the stack and dial.

OUTLINE DRAWING

Unit in mm

