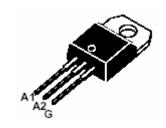
Triacs INCHANGE

BTA16-600B

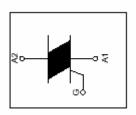
♦ Features

- With TO-220AB Insulated package
- This type is suitable for general purpose AC switching, and can be used as an ON/OFF function in applications such as static relays, heating regulation, induction motor starting circuits... or for phase control operation in light dimmers, motor speed controllers,etc



♦ QUICK REFERENCE DATA

SYMBOL	PARAMETER	VALUE	UNIT
V_{DRM}	Repetitive peak off-state voltage	600	٧
V_{RRM}	Repetitive peak off-state voltage	600	V
I _{T(AV)}	Average on-state current	16	Α
I _{TSM}	Non-repetitive peak on-state current	160	Α
T _{stg}	Storage temperature	-45~150	${\mathbb C}$
T _j	Operating junction temperature	110	$^{\circ}$



TO-220AB

♦ ELECTRICAL CHARACTERISTICS (Tj = 25°C, unless otherwise specified)

SYMBOL	PARAMETER	CONDITIONS		MIN	MAX	UNIT
V_{DRM}	Repetitive peak off-state voltage	I _D =0.1mA		600		V
V_{RRM}	Repetitive peak reverse voltage	I _D =0.5mA		600		V
I _{GT}	Gate trigger current	V _D =12V; R _L = 100 Ω	T2+ G+		50	mA
			T2+ G-		50	
			T2- G-		50	
			T2- G+		100	
V _T	On-state voltage	I _T =22.5A			1.6	V
I _H	Holding current	I _T =0.5A; I _{GT} =50m A			50	mA
V_{GT}	Gate trigger voltage	V _D =12V; R _L = 100 Ω	T2+ G+		1.5	V
			T2+ G-		1.5	
			T2- G-		1.5	
			T2- G+		1.8	