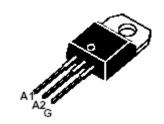
Triacs INCHANGE

BTA12-600B

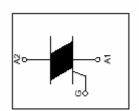
Features

- · With TO-220AB Insulated package
- Suitable for general purpose AC switching, which 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		V			
V_{RRM}	Repetitive peak off-state voltage	600	V			
I _{T(AV)}	Average on-state current	12	А			
I _{TSM}	Non-repetitive peak on-state current 120		Α			
T _{stg}	Storage temperature	-45 ~ 150				
T _j	Operating junction temperature	110	. 1			



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	T2+ G+		25	mA
			T2+ G-		50	
			T2- G-		50	
			T2- G+		100	
V_{T}	On-state voltage	I _T =17A			1.55	٧
I _H	Holding current	I _T =0.1A; I _{GT} = 20m A	L		15	mA
V_{GT}	Gate trigger voltage	V _D =12V; R _L = 100	T2+ G+		1.5	V
			T2+ G-		1.5	
			T2- G-		1.5	
			T2- G+		1.8	