

MEDIUM POWER THYRISTORS & TRIACS < 100 A

PLASTIC CASE STANDARD TRIACS

Type	V _{DRM} ± (V)	I _{TSM} (A)	I _{DRM} * @ V _{DRM} max (mA)	Suffix	I _{GT} (mA) max				I _H max (mA)	V _{TM} / I _{TM}		(dv/dt) _C * min (V/μs)	dv/dt* @ 67% V _{DRM} min (V/μs)	Package
					I ++	II +-	III --	IV -+		max (V)	(A)			

1 Arms / T_{connex.} = 40°C T_j = 110°C I²t = 1.125 A²s

TLC 111 B TLC 221 B TLC 331 B TLC 381 B	200 400 600 700	15	0.75	B	25	25	25	50	8 typ	1.8	1.4	5	20	TL
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3 Arms / T_{connex.} = 40°C T_j = 110°C I²t = 4.5 A²s

TLC 116 B TLC 226 B TLC 336 B TLC 386 B	200 400 600 700	30	0.75	B	25	25	25	50	8 typ	1.85	4	5	20	TL
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6 Arms / T_{case} = 75°C T_j = 110°C I²t = 18 A²s

BTA / BTB 06	200→800	60	0.5	B C	50 25	50 25	50 25	100 50	50 25	1.65	8.5	10 5	250 100	TO 220 AB
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8 Arms / T_{case} = 75°C T_j = 110°C I²t = 32 A²s

BTA / BTB 08	200→800	80	0.5	B C	50 25	50 25	50 25	100 50	50 25	1.75	11	10 5	250 100	TO 220 AB
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10 Arms / T_{case} = 75°C T_j = 110°C I²t = 50 A²s

BTA / BTB 10	200→800	100	0.5	B C	50 25	50 25	50 25	100 50	50 25	1.5	14	10 5	250 100	TO 220 AB
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12 Arms / T_{case} = 75°C T_j = 110°C I²t = 72 A²s

BTA / BTB 12	200→800	120	0.5	B C	50 25	50 25	50 25	100 50	50 25	1.5	17	10 5	250 100	TO 220 AB
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12 Arms / T_{case} = 90°C T_j = 125°C I²t = 112.5 A²s

BTA 13 B	200→800	150	2	B	50	50	50	75	50	1.4	17	10	500	TO 220 AB
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12 Arms / T_{case} = 100°C T_j = 125°C I²t = 112.5 A²s

BTB 13 B	200→800	150	2	B	50	50	50	75	50	1.4	17	10	500	TO 220 AB
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15 Arms / T_{case} = 90°C T_j = 125°C I²t = 112.5 A²s

BTB 15 B	200→800	150	2	B	50	50	50	75	50	1.5	21	10	250	TO 220 AB
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 * @ T_j max.

**NOTE : BTA insulated (insulating voltage = 2500 V_{RMS}).
BTB uninsulated.**
V_{DRM} : 200 - 400 - 600 - 700 - 800 V.
ORDERING INFORMATION - EXAMPLE : BTA 06-400 B.