

# triacs



Types	VDWM ± (V)	ITSM 20 ms (A)	IDM* @ VDWM max (mA)	Suffix	IGT (mA) max				IH max (mA)	VTM/ ITM max (V) (A)	(dv/dt)c* typ (V/μs)	dv/dt* @ 67% VDWM typ (V/μs)	Case
					I ++	II +-	III --	IV -+					

**1 Arms / T<sub>connex.</sub> = 40°C T<sub>j</sub> = 110°C I<sup>2</sup>t = 4,5 A<sup>2</sup> s**

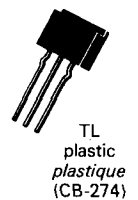
TLC 111 B TLC 221 B TLC 381 B	200 400 700	30	0,75	B	25	25	25	50	8 typ	1,8	1,4	4	20
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**1,6 Arms / T<sub>connex.</sub> = 40°C T<sub>j</sub> = 110°C I<sup>2</sup>t = 4,5 A<sup>2</sup> s**

TLC 113 B TLC 223 B TLC 383 B	200 400 700	30	0,75	B	25	25	25	50	8 typ	1,8	2,3	4	20
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**3 Arms / T<sub>connex.</sub> = 40°C T<sub>j</sub> = 110°C I<sup>2</sup>t = 4,5 A<sup>2</sup> s**

TLC 116 B TLC 226 B TLC 386 B	200 400 700	30	0,75	B	25	25	25	50	8 typ	1,85	4	4	20
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**6 Arms / T<sub>case</sub> = 75°C T<sub>j</sub> = 110°C I<sup>2</sup>t = 36 A<sup>2</sup> s Insulating voltage = 2500 VRMS**

Insulated	Uninsulated	VDWM (V)	ITSM (A)	IDM* (mA)	Suffix	IGT (mA)				IH (mA)	VTM/ ITM		(dv/dt) <sub>c</sub> * (V/μs)	dv/dt* (V/μs)
BTA06-200 BTA06-400 BTA06-700 With suffixes B,C	BTB06-200 BTB06-400 BTB06-700					I	II	III	IV		max (V)	max (A)		
		200	85	0,5	B	50	50	50	100	50	1,65	8,5	10 min	100 min
		400			C	25	25	25	50	25	1,5	8,5	5 min	50 min

**6 Arms / T<sub>case</sub> = 75°C T<sub>j</sub> = 110°C I<sup>2</sup>t = 36 A<sup>2</sup> s Insulating voltage : 2500 VRMS**

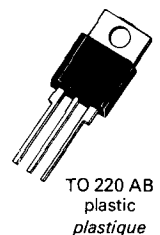
Insulated	Uninsulated	VDWM (V)	ITSM (A)	IDM* (mA)	Suffix	IGT (mA)				IH (mA)	VTM/ ITM		(dv/dt) <sub>c</sub> * (V/μs)	dv/dt* (V/μs)
TXAL 116 TXAL 226 TXAL 386 With suffixes M,B,C	TYAL 116 TYAL 226 TYAL 386					I	II	III	IV		max (V)	max (A)		
		200	85	2 §	M	100		100		50	1,8	8,5	10 min	100 min
		400			B	50	50	50		50	1,8	8,5	4	50
		700			C	25	60	25	60	20	1,7	8,5	4	30

**8 Arms / T<sub>case</sub> = 75°C T<sub>j</sub> = 110°C I<sup>2</sup>t = 36 A<sup>2</sup> s Insulating voltage = 2500 VRMS**

Insulated	Uninsulated	VDWM (V)	ITSM (A)	IDM* (mA)	Suffix	IGT (mA)				IH (mA)	VTM/ ITM		(dv/dt) <sub>c</sub> * (V/μs)	dv/dt* (V/μs)
BTA08-200 BTA08-400 BTA08-700 With suffixes B,C	BTB08-200 BTB08-400 BTB08-700					I	II	III	IV		max (V)	max (A)		
		200	85	0,5	B	50	50	50	100	50	1,75	11	10 min	100 min
		400			C	25	25	25	50	25	1,6	11	5 min	50 min

**8 Arms / T<sub>case</sub> = 75°C T<sub>j</sub> = 110°C I<sup>2</sup>t = 40 A<sup>2</sup> s Insulating voltage = 2500 VRMS**

Insulated	Uninsulated	VDWM (V)	ITSM (A)	IDM* (mA)	Suffix	IGT (mA)				IH (mA)	VTM/ ITM		(dv/dt) <sub>c</sub> * (V/μs)	dv/dt* (V/μs)
TXAL 118 TXAL 228 TXAL 388 With suffixes M,B,C	TYAL 118 TYAL 228 TYAL 388					I	II	III	IV		max (V)	max (A)		
		200	90	2 §	M	100		100		50	1,8	11	10 min	100 min
		400			B	50	50	50		50	1,8	11	4	50
		700			C	25	60	25	60	20	1,7	11	4	30



\* @ T<sub>j</sub> max

§ @ T<sub>j</sub> = 100°C