JST134QP-600D 4A TRIAC

The JST134QP-600D

(T_j=25 unless otherwise specified)

Symbol	Test Condition	Quadrant	Value		Unit
I_{GT}	V_D=12V R_L=33	- -	MAX.	5	mA
				10	
V_{GT}		ALL	MAX.	1	V
V_{GD}	V_D=V_{DRM} T_j=125 R_L=3.3k	ALL	MIN.	0.2	V
I_L	I_G=1.2I_{GT}	- -	MAX.	10	mA
				20	
I_H	I_T=100mA		MAX.	7	mA
dV/dt	V_D=400V Gate Open T_j=110		MIN.	120	V s
(dV/dt)c	(dI/dt)c=1.8A/ms, T_j=110		MIN.	2.5	
t_{on}	I_G=20mA I_A=200mA I_R=20mA T_j=25		TYP.	2.5	s
t_{off}				25	

Symbol	Parameter		Value(MAX.)	Unit
V_{TM}	I_{TM}=5A t_p=380 s	T_j=25	1.55	V
V_{TO}	Threshold voltage	T_j=125	0.92	V
R_D	Dynamic resistance	T_j=125	107	
I_{DRM}	V_D=V_{DRM} V_R=V_{RRM}	T_j=25	5	A
I_{RRM}		T_j=125	0.25	mA

Symbol	Parameter	Value	Unit
$R_{th(j-c)}$	junction to case (AC)	7.0	/W
$R_{th(j-a)}$	junction to ambient (AC)	150	/W

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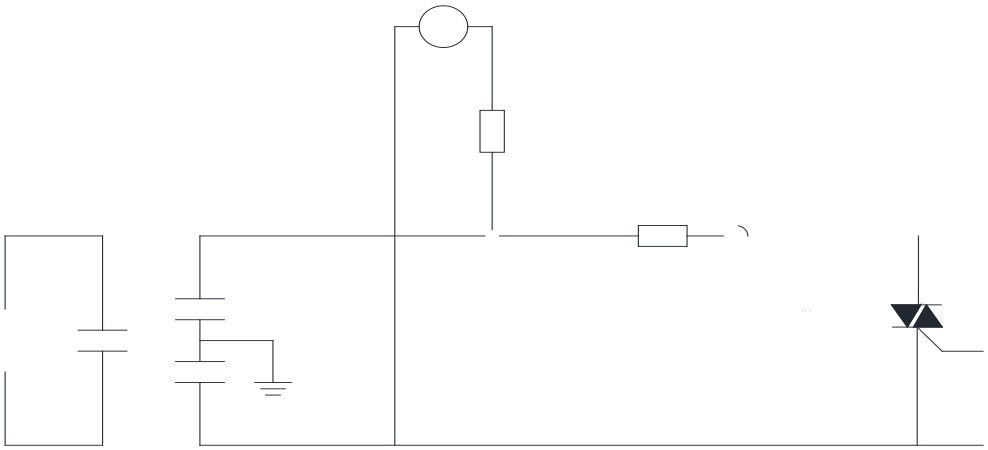
FIG.7 Test circuit for inductive and resistive loads to IEC-61000-4-5 standards



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