

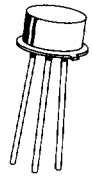


Triacs

Metal/Plastic Packages

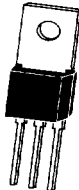
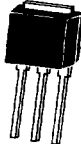

1.0 to 45 Amperes
200 to 800 Volts

IT (AMPS)	1.0		2.0		4.0
@ Tc (°C)	50	50	80	80	80
ITSM (AMPS)	20	20	10	10	35
CASE	 TO-92		 SOT-89		 TO-39
	VRRM (VOLTS)				
200	CQ92B	CQ92BT	CQ89B	CQ89BS	CQ39BT
400	CQ92D	CQ92DT	CQ89D	CQ89DS	CQ39DT
600	CQ92M	CQ92MT	CQ89M	CQ89MS	CQ39MT
800			CQ89N	CQ89NS	

IGT QI	5.0mA	3.0mA	25mA	5.0mA	3.0mA
IGT QII	5.0mA	3.0mA	25mA	5.0mA	3.0mA
IGT QIII	5.0mA	3.0mA	25mA	5.0mA	3.0mA
IGT QIV	5.0mA	3.0mA	25mA	5.0mA	3.0mA
VGT QI - QIV	2.0V	2.0V	2.0V	2.0V	2.0V
IH	5.0mA	3.0mA	25mA	5.0mA	3.0mA

Triacs

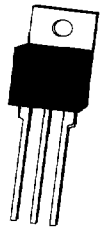


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IT (AMPS)	4.0				6.0
	80	80	80	80	90
@ Tc (°C)					
ITSM (AMPS)	40	40	40	40	60
	 TO-202		 TO-202-2		 TO-220
CASE					
VRRM (VOLTS)					
200	CQ202-4B	CQ202-4BS	CQ202-4B-2	CQ202-4BS-2	CQ220-6BS
400	CQ202-4D	CQ202-4DS	CQ202-4D-2	CQ202-4DS-2	CQ220-6DS
600	CQ202-4M	CQ202-4MS	CQ202-4M-2	CQ202-4MS-2	CQ220-6MS
800	CQ202-4N	CQ202-4NS	CQ202-4N-2	CQ202-4NS-2	CQ220-6NS

IGT QI	25mA	5.0mA	25mA	5.0mA	5.0mA
IGT QII	25mA	5.0mA	25mA	5.0mA	5.0mA
IGT QIII	25mA	5.0mA	25mA	5.0mA	5.0mA
IGT QIV	25mA	5.0mA	25mA	5.0mA	10mA
VGT QI - QIV	2.0V	2.0V	2.0V	2.0V	1.5V
IH	25mA	5.0mA	25mA	5.0mA	15mA

Triacs

(Continued)






I_T (AMPS)	6.0		8.0		
@ T_c (°C)	90	90	90	90	90
I_{TSM} (AMPS)	60	80	80	80	80
CASE	 TO-220 ISOL	 TO-220	 TO-220 ISOL		
	ISOLATED		ISOLATED		
V_{RRM} (VOLTS)					
200	CQ220I-6BS*	CQ220-8B	CQ220-8BR	CQ220I-8B	CQ220I-8BR
400	CQ220I-6DS*	CQ220-8D	CQ220-8DR	CQ220I-8D	CQ220I-8DR
600	CQ220I-6MS*	CQ220-8M	CQ220-8MR	CQ220I-8M	CQ220I-8MR
800	CQ220I-6NS*	CQ220-8N	CQ220-8NR	CQ220I-8N	CQ220I-8NR

IGT QI	5.0mA	25mA	10mA	25mA	10mA
IGT QII	5.0mA	25mA	10mA	25mA	10mA
IGT QIII	5.0mA	25mA	10mA	25mA	10mA
IGT QIV	10mA	50mA	25mA	50mA	25mA
VGT QI - QIV	1.5V	1.5V	1.5V	1.5V	1.5V
I_H	15mA	25mA	25mA	25mA	25mA

* Not recommended for new designs

Triacs


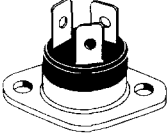
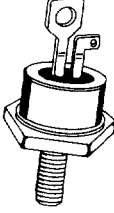
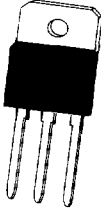

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IT (AMPS)	10		12		16
	90	90	90	90	90
@ Tc (°C)	90	90	90	90	90
ITSM (AMPS)	100	100	125	125	170
CASE					
	TO-220	TO-220 ISOL ISOLATED	TO-220	TO-220 ISOL ISOLATED	TO-220
VRRM (VOLTS)					
200	CQ220-10B	CQ220I-10B	CQ220-12B	CQ220I-12B	CQ220-16B
400	CQ220-10D	CQ220I-10D	CQ220-12D	CQ220I-12D	CQ220-16D
600	CQ220-10M	CQ220I-10M	CQ220-12M	CQ220I-12M	CQ220-16M
800	CQ220-10N	CQ220I-10N	CQ220-12N	CQ220I-12N	CQ220-16N

IGT QI	25mA	25mA	25mA	25mA	50mA
IGT QII	25mA	25mA	25mA	25mA	50mA
IGT QIII	25mA	25mA	25mA	25mA	50mA
IGT QIV	50mA	50mA	50mA	50mA	100mA
VGT QI - QIV	1.5V	1.5V	1.5V	1.5V	1.5V
IH	25mA	25mA	25mA	25mA	50mA

Triacs

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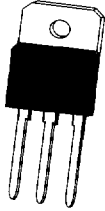
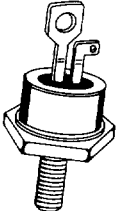
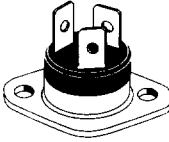
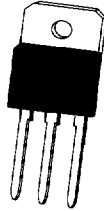
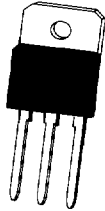
IT (AMPS)	16	25			
@ Tc (°C)	90	90	90	90	90
ITSM (AMPS)	170	250	250	250	210
CASE					
	ISOLATED	ISOLATED		ISOLATED	
VRRM (VOLTS)					
200	CQ220I-16B	CQ3P-25B	CQ48-25B*	CQ218I-25B	CQ220-25B
400	CQ220I-16D	CQ3P-25D	CQ48-25D*	CQ218I-25D	CQ220-25D
600	CQ220I-16M	CQ3P-25M	CQ48-25M*	CQ218I-25M	CQ220-25M
800	CQ220I-16N	CQ3P-25N	CQ48-25N*	CQ218I-25N	CQ220-25N

IGT QI	50mA	50mA	100mA	50mA	50mA
IGT QII	50mA	50mA	100mA	50mA	50mA
IGT QIII	50mA	50mA	100mA	50mA	50mA
IGT QIV	100mA	100mA	150mA	100mA	100mA
VGT QI - QIV	1.5V	1.5V	1.5V	1.5V	1.5V
IH	50mA	80mA	100mA	80mA	50mA

* Not recommended for new designs.

Triacs

(Continued)

IT (AMPS)	30	35	40		45
@ Tc (°C)	90	90	90	90	90
ITSM (AMPS)	250	300	300	300	300
CASE					
	TO-218	TO-48	TO-3P ISOLATED	TO-218 ISOL ISOLATED	TO-218
VRRM (VOLTS)					
200	CQ218-30B*	CQ48-35B*	CQ3P-40B	CQ218I-40B	CQ218-45B
400	CQ218-30D*	CQ48-35D*	CQ3P-40D	CQ218I-40D	CQ218-45D
600	CQ218-30M*	CQ48-35M*	CQ3P-40M	CQ218I-40M	CQ218-45M
800	CQ218-30N*	CQ48-35N*	CQ3P-40N	CQ218I-40N	CQ218-45N

IGT QI	50mA	100mA	50mA	50mA	50mA
IGT QII	50mA	100mA	50mA	50mA	50mA
IGT QIII	50mA	100mA	50mA	50mA	50mA
IGT QIV	100mA	150mA	100mA	100mA	100mA
VGT QI - QIV	1.5V	1.5V	1.5V	1.5V	1.5V
IH	80mA	100mA	80mA	80mA	80mA

* Not recommended for new designs.