

T-25-15

# TRIACs

## Optically Isolated

### Triac Driver/Triac Combinations

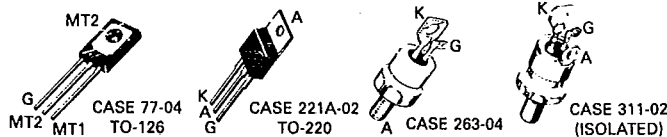
This series of Triac Drivers consists of infrared LEDs optically coupled to photodetectors with Triac output. 7500 V isolation between input and output allows safe, economical triggering of higher power triacs from logic sources with output as low as 3 volts, 10 mA. Associated voltage-compatible triacs provide matched pairs for a variety of voltage/current requirements.



### Triac Drivers — all in Case 730A

Peak Blocking Voltage Volts	LED Trigger Current I <sub>FT</sub> mA, Max	Device
250	30	MOC3009
	15	3010
	10	3011
400	30	3020
	15	3021
<b>For Zero Crossover Firing</b>		
250	30	MOC3030*
	15	3031*
400	30	3040
	15	3031
600	30	3060
	15	3061

\*Underwriters' Laboratories Recognition, File No. E54915.

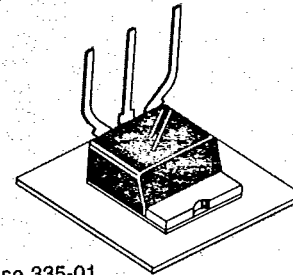


### Triacs

Output Current I <sub>RMS</sub> A, Max	Peak Blocking Voltage Volts			Case
	250	400	600	
4	MAC3010-4	MAC3020-4	—	77-04
8	-8	-8	—	221A
15	-15	-15	—	221A
25	-25	-25	—	221A
40	-40	-40	—	263
40	-40I	-40I	—	311
<b>For Zero Crossover Firing</b>				
4	MAC3030-4	MAC3040-4	MAC3060-4	77-04
8	-8	-8	-8	221A
15	-15	-15	-15	221A
25	-25	-25	-25	221A
40	-40	-40	-40	263
40	-40I	-40I	-40I	311

# Chipscrete Subassemblies

A chipscrete is a TO-220 package with the tab clipped, leads bent and leadframe flag soldered to a ceramic insulator. With this approach, a tested, isolated die can be designed as a subassembly for relays, controls and power switching applications. The selector guide below shows the popular types only. Any TO-220 can become a chipscrete subassembly.



Case 335-01

### Chipscrete SCRs

V <sub>DRM</sub> /V <sub>RRM</sub>	12 A	16 A	25 A
400	CS6397	CS6403	CS6507
600	CS6398	CS6404	CS6508
800	CS6399	CS6405	CS6509

### Chipscrete Triacs

V <sub>DRM</sub> /V <sub>RRM</sub>	12 A	15 A	25 A
400	CT6343A	CT15-6	CT223-6
	CT6347A‡	CT15A6‡	CT223A6‡
600	CT6344A	CT15-8	CT223-8
	CT6348A‡	CT15A8‡	CT223A8‡
800	CT6345A	CT15-10	CT223-10
	CT6349A‡	CT15A10‡	CT223A10‡

‡4-mode triggering  
Normal delivery — 8 weeks after receiving order.  
Minimum order size is 100 pieces.