

SOLID-STATE OUTPUT  
SELF POWERED



## AC Go/No-Go Current Monitor

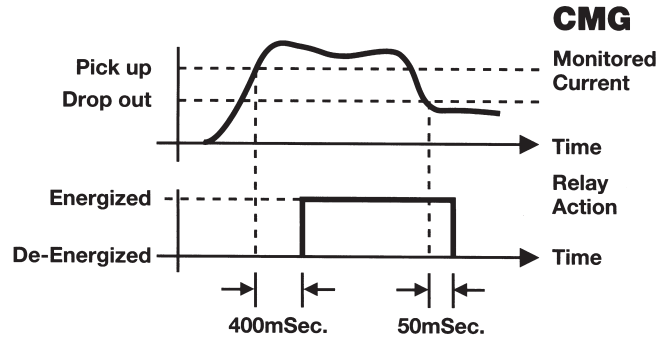
- No physical connection to the AC line that is being monitored
- Magnetically coupled by passing supply line through protruding Current Transformer
- No supply voltage required
- Will operate on 24, 120, 240 or 480 VAC lines
- Easy installation
- 1/4" Quick Disconnect Terminals

### SPECIFICATIONS

<b>CONTROL VOLTAGE</b>	Not Required	
<b>TRIP POINTS</b>	Pick-up	2 Amps
	Drop-out	25% below Pick-up
<b>OUTPUT</b>	Solid State, SPST-N/O 1 Amp Resistive; 40 VA Run @ 120 VAC Inductive	
<b>MAXIMUM CONTINUOUS CURRENT</b>	200 Amp turns @ 25°C	
<b>RESPONSE TIME</b>	Operate	2-10 mSEC @ 130 Amps; 400 mSEC @ 10% over
	Release	400 mSEC (Approximately).
<b>ABSOLUTE MAXIMUM OUTPUT VOLTAGE</b>	280 VAC	
<b>ACCURACY</b>	20% on Pick-up	
<b>TERMINATIONS</b>	(2) 1/4" Quick Disconnect Terminals	
<b>RESET</b>	Automatic	
<b>TEMPERATURE RATING</b>	Operate	32° to 131°F (0° to +55°C)
	Storage	-49° to 185°F (-45° to +85°C)
<b>ENCLOSURE</b>	Style "D" Surface Mounted	
<b>WEIGHT</b>	4 oz.	
<b>MODEL NUMBER</b>	CMG-0101	
<b>DESCRIPTION</b>	AC GO/NO-GO Current Monitor	

### OPERATION

The **CMG-0101 Series** is a solid state self powered Current Monitor that is used to detect the presence of AC current. When the monitored current exceeds the trip point for longer than 400 mSec., the output energizes (Pick-up). When the monitored current drops below the trip point for longer than 400 mSec., the output de-energizes (Drop-out). No physical connection is required as the line to be monitored is magnetically coupled by passing the conductor through the protruding Current Transformer of the monitor. No external supply is needed to power the monitor.



### DIMENSIONS (INCHES)

