P.O. Box 2956 · Syracuse · New York · 13220
Phone: (315) 433-1150 Fax: (315) 433-1521
Toll Free US & Canada (800) 334-0837
Email: sales@infitec.com

COR1205C (ES1187-A) DIGITAL PLUG-IN TIME DELAY RELAY

UL/cUL Recognized

File E80165
UL Guide NKCR2
cUL Guide NKCR8

FEATURES

- C/MOS Digital Circuitry
- No First Cycle Effect
- 0.5% Repeat Accuracy
- 2% Stability Over Voltage And Temperature
- 8 Pin, Plug-In Termination
- Adjustable Time Delay with Constant 'ON' Override
- UL / cUL Recognized

SPECIFICATIONS

1. Time Delay.
1.1 Type: C/MOS digital circuitry
1.2 Range: From 0.05 seconds to 1000 minutes. Fixed delays available.
1.3 Repeat accuracy: ± 0.5% under fixed conditions
1.4 Setting accuracy: ± 10%
1.5 Reset time: 100 milliseconds maximum,
1.6 Recycle time: 100 milliseconds during timing, 50 milliseconds after timing
1.7 Time delay vs. voltage and temperature: ± 2%

2. Input.
2.1Operating voltage: 24 VAC/DC
2.2 Tolerance: ± 20% of nominal
2.3 Frequency: (AC only) 50 - 60 Hertz

3. Output.
3.1 Type: Electromechanical Relay
3.2 Form: SPDT
3.3 Rating: 10 amperes resistive @ 120/277 VAC
3.4 Life: Electrical - full load - 100,000 operations
Mechanical - 10,000,000 operations

4. Protection.
4.1 Transient: ± 1500 volts for 150 microseconds
4.2 Polarity: DC units are reverse polarity protected
4.3 Dielectric breakdown: 1500 volts RMS minimum

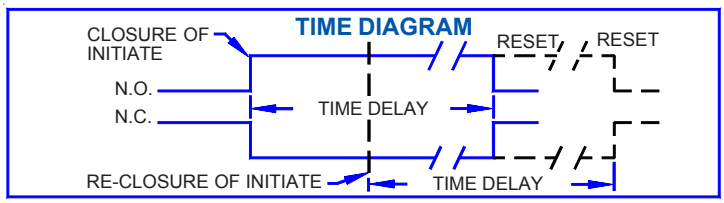
5. Mechanical.
5.1 Mounting: Plug-in
5.2 Termination: Octal (8 pin)

6. Environmental.
6.1 Operating temperature: -20°C to +80°C
6.2 Storage temperature: -30°C to +85°C

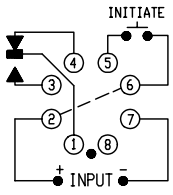
MODE OF OPERATION

RETRIGGERABLE ONE-SHOT

Power must be applied to the input at all times prior to and during timing. Upon closure of the initiate switch (momentary or maintained) the output contacts transfer and the time delay begins, unless the unit is in 'Override Timing Mode'. At the completion of the pre-selected time delay the output contacts revert to their original position. **NOTE:** Reclosure of initiate switch during timing will reset the time delay. When unit is in 'Override Timing Mode' and has been initiated, the output will remain 'ON' indefinately.



CONNECTION DIAGRAM



ORDERING INFORMATION

ORDER P/N:

COR1205C (ES1187-A)

DIMENSIONS