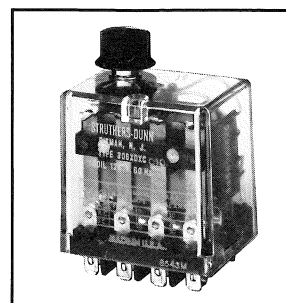




3-WAY TERMINAL ON-DELAY TIMER 10 AMP, 4 POLE

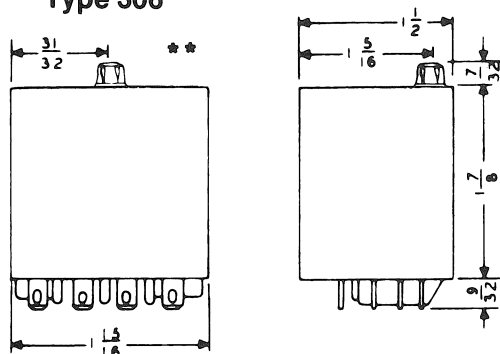
306
Series

The 306 Series is a delay-on-operate timer relay which incorporates the 3-way terminal design and a 4 Form C contact configuration in a compact size. The use of the ISO-timer module provides accurate timing from 0.1 sec. to 300 sec. This highly reliable module is well protected from most electrical disturbances and polarity reversals. The standard unit has adjustable delay ranges but units with fixed timing are available.



DIMENSIONS inches

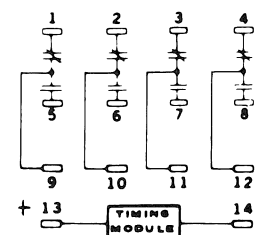
Type 306



3-WAY TERMINALS:
SOLDER
0.187 QUICK-CONNECT
PLUG-IN

TERMINAL WIRING (BOTTOM VIEW)

Type 306



CONTACT DATA

Load	30/DC	120/AC	240/AC
Resistive motor 50% P.F.	10A —	10A 1/3 HP	10A 1/2 HP

NOTE: Maximum total load for 4-pole relay is 30 amps at 120AC, 20 amps at 240AC

INPUT DATA

Operating Voltage:	AC—24, 48, 120, 240VAC, 50/60Hz DC—12, 24, 48, 110-125VDC
Min. Operate:	AC—85% of nominal DC—75% of nominal
Max. Overvoltage:	110% of nominal

GENERAL DATA

Contact Material:	Silver Cadmium Oxide
Ambient Temperature:	AC: -10°C to +45°C DC: -10°C to +70°C
Dielectric Strength:	500VAC Across Open Contacts 1500VAC Between Current Carrying Parts
Operate Time:	As Selected
Release Time:	10 Milliseconds
Transient Protection:	5 Milliseconds, Exponential Slope 0V to ±2000V, 20 μsec Peak
False Contacting:	No False Contacting if Power is Interrupted During Timing
Inverse Polarity Protection:	DC Coils Are Polarity Protected.
Life:	100,000 Operations at Rated Load 10 Million Operations at No Load
Cover:	Clear Polycarbonate
Sockets:	See Pages 62 & 63 for Styles and Dimensions.

TIMING CHARACTERISTICS

Repeatability:	±3% @ 20°C (AC, +16 ms)
Accuracy:	Adjustable, ±10% within Temperature and Voltage Ranges
Recycle Time:	Fixed, ±10% @ 20°C 100 ms, up to 60 sec. 150 ms, 60 to 300 sec.

OPTIONS

Feature	Suffix
Fixed Timing (Specify Fixed Time in Seconds—300 sec. max.)	F
Gold Diffused Contacts: 5 Amp Contacts	G Y

ORDERING CODE

Typical Type No.	306	XDX	C	Y	030	—	-24D
Series	306 3-Way Term.—On-Delay, 4 Pole						
Contact Arrangements	XDX (4 Form C)						
Construction Style	Enclosed, 3-Way Term.—Code C						
Options	10 Amp Contacts (Standard)—No Code Gold Diffused Contacts—Code G Printed Circuit Terminals—Code T 5 Amp Contacts (Silver)—Code Y						
Timing	0.1 to 1.0 sec.—Code 001 0.2 to 2.0 sec.—Code 002 1.0 to 10 sec.—Code 010 3.0 to 30 sec.—Code 030 6.0 to 60 sec.—Code 060 18 to 180 sec.—Code 180 30 to 300 sec.—Code 300						
Time Delay Control	Adjustment Knob—No Code Fixed Delay—Code F (Timing Code Does Not Apply) E.g. 30F = 30 sec. Fixed Delay.)						
Input Voltage	AC: 24, 48, 120, 240 (Add "A") DC: 12, 24, 48, 115-125 (Add "D")						

APPROVALS

- UL Component Listed: File #E13224B