246/247 Series - Timer Delay Relay DPDT, 4PDT,6PST, 10 Amp

Rugged, industrial time delay versions of the popular 219 series. Contacts can be configured up to four pole double throw or six pole single throw. Time ranges are adjustable over a 1:10 range. Knob adjustment and integral hold down clip are standard. A large option list makes this product easily customized for special applications.

vith socket

E13224

GENERAL SPECIFICATIONS (@ 25° C)

Timing:
Functions Available
Time Range
Timing Adjustment
Timing Repeatability
(Constant voltage and temperature)
Paset Time maximum Reset Time maximum Input Pulse Length minimum

On-delay, Off-delay Up to 10 minutes Knob 150mS 50mS

Contacts: Contact Configuration Contact Material Contact Material
Contact Rating
120 / 240VAC Resistive
28VDC Resistive
Motor 120VAC
Motor 240VAC

Silver Alloy Gold Diffused 10 Amp / 5 Amp 10 Amp

Minimum Contct Load Contact Resistance, Initial

500mW 100 milliohms max @ 6VDC, 1A

DPDT, 4PDT, 6PST

Coil:

Coils Available
Nominal Coil Power
Input Voltage Tolorance -AC
Input Voltage Tolorance -DC
Transient Protection Reverse Polarity Protection Duty

AC and DC 5VA 2.5W 85% to 110% of nominal 80% to 110% of nominal Yes Yes Continuous

Dielectric Strength:

Across Open Contacts Between Mutally Insulated Points Insulation Resistance

500Vrms 1500Vrms 1,000 Mohms min @ 500VDC

Temperature:

-20 to 70°C (-4 to 158°F) -40 to 105°C (-40 to 221°F) Operating Storage

Life Expectancy:
Electrical (full load operations) Mechanical (no load operations)

100,000 10,000,000

Miscellaneous:

Mounting Position Mating Socket

Accessories Enclosure Weight

Any 12 pin =27390, 27390D 14 pin = 33377, 33377D Hold down clip integral to relay Clear Polycarbonate 8.6oz (244 grams)

Note: SM = Single make DM = Double make

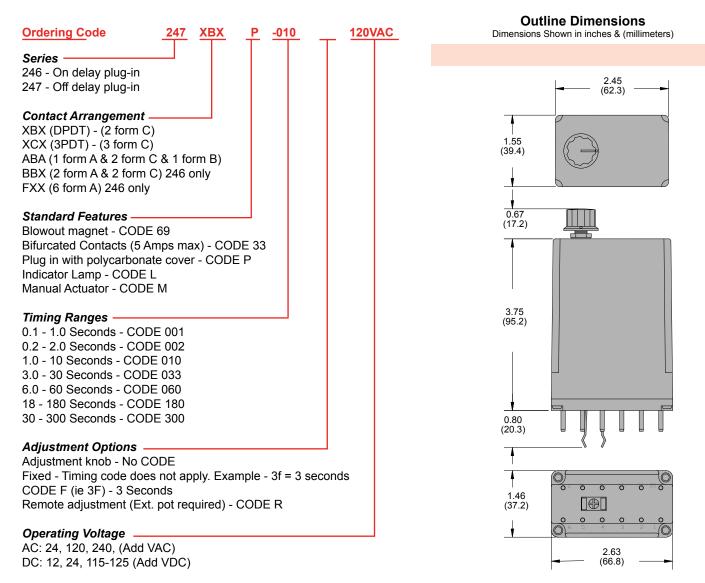
Industrial Pin Out

246/247 Contact Load Specifications

Voltage	Make	Carry	Resistive	Inductive
120VAC	30 Amp	10 Amp	10 Amp	3 Amp
240VAC	30 Amp	10 Amp	5 Amp	1 Amp
24VDC	30 Amp	10 Amp	10 Amp	5 Amp
28VDC	30 Amp	10 Amp	10 Amp	3 Amp
125VDC	30 Amp	10 Amp	0.5 Amp	0.1 Amp
For versions with suffix "69" permant magnet blowouts				
Voltage	Make	Carry	Resistive	Inductive
125VDC (SM)	30 Amp	10 Amp	1.5 Amp	0.5 Amp
125VDC (DM)	30 Amp	10 Amp	4 Amp	1.5 Amp
250VDC (SM)	30 Amp	10 Amp	0.5 Amp	150 mAmp
250VDC (DM)	30 Amp	10 Amp	1.5 Amp	0.5 Amp



Timer / Sensor - Time Delay & Sensor Relays 5 - 25 Amp



246/247 Wire Diagram

