

Relay, Fixed-Time, 5-Second
Model: 92, P/N: A35093



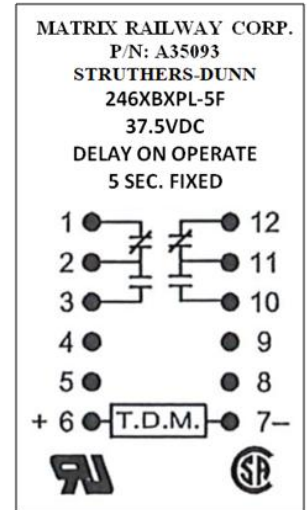
Product Description

Matrix Railway distributes Struthers-Dunn Fixed-Time delay Relays, scalable to four poles double throw or six poles single throw. Contact arrangements are easily customized for special applications. Blowout magnets can be added to increase DC switching capacity.

The operating input voltage range is from 30 VDC to 41.3 VDC. Other voltage range options are also available for Commercial, Rail, and Nuclear industries.

Time adjustable relays are also available in ranges of 1:10 range. Knob adjustment and integral hold down clip are standard. A large options list makes this product easily customizable for special applications.

Relays come with a manufacturer's 2-year Warranty.



Input Voltage	
Nominal Input Voltage	• 37.5 VDC
Nominal Input Voltage Range	• Min 80%: 30.0 VDC
	• Max 110%: 41.25 VDC
	• Dropout 10%: 3.75 VDC
Contact Characteristics	
Contact Configuration:	X XBX = 2 form C
	ABX = 1 form A, 2 form C
	BBX = 2 form A, 2 form C
	XCX = 3 form C
	CXA = 3 form A, 1 form B
	ABA = 1 form A, 2 form C, 1 form B
	XDX = 4 form C
HXX = SPST – No DM	
Contact Characteristics	
Contact Current Rating	X 10 Amps
	5 Amps
Function	X On-delay Interval
	Off-delay Flasher
Timing	• Fixed (±10%)
	Nominal Time: 5 Second(s)
	Max: 5.5
	Min: 4.5

Features		
Codes	Locking Shaft Pot-Code 8	
	Permanent Blowout Magnet - Code 69	
	Bifurcated Contacts (5A) - Code 33	
	X Polycarbonate Cover - Code P	
	X Indicator Lamp - Code L	
	Manual Actuator - Code M	
	Gasket	
Dielectric (V _{rms})	Coil to Ground Clip	1500
	Coil to Contacts	1500
	Across Open Contacts	1500
	Pole to Pole	1500
	Insulation Resistance (Mohms min at 500Vdc)	1000
Other		
NC Pressure:	25 grams minimum	
Contact Gap Min:	0.015"	
Over-Travel Min:	0.018"	
Coil resistance (ohms ± 7.5%):	375	
	Min: 347	
Max:	403	
Mechanical Life:	10X10 ⁶	
Electrical Life:	1X10 ⁵	
Weight (grams):	241	