

Miniature Relays - Premium Line



Features

Green LED status indicator - Allows worker to see the relay status in dark conditions

Mechanical Indicator - Allows worker to see relay status under normal light or bright conditions

Push to test button - Makes testing and analyzing your circuit easier

Easy Grip cover - Adds to the ease of removing the relay from the socket

Removable I.D. Label - Allows for easy identification

Convenient cover adapters - Adds flexibility for socketless mounting for either soldering or quick connect leads with DIN rail mount or flange mount adapters

Premium Line 15A, SPDT

Catalog No.	Coil Voltage	List Price	Socket Style
3TX7110-5JC13	24VAC	\$10.00	3TX7144-1E7
3TX7110-5JF13	120VAC	\$10.00	3TX7144-1E7
3TX7110-5JG13	220/230VAC	\$10.00	3TX7144-1E7
3TX7110-5JB03	12VDC	\$10.00	3TX7144-1E7
3TX7110-5JC03	24VDC	\$10.00	3TX7144-1E7

UL
UL Recognized
File No: E14900

Specifications

COIL	
Pull-in Voltage:	DC:75%, AC: 80% of Nominal Voltage or less @ 25°C
Drop-out voltage:	DC -10% min., AC - 30% min.
Max. Voltage:	110%
Coil Resistance:	±15% AC & DC
Coil insulation:	Class "B" coil insulation system (130°C per UL standard 1446)
Power consumption (Approx.):	DC: 0.8 Watts DC, AC: 1.1 VA (50Hz), 1.0 VA (60 Hz).
Duty:	Continuous
CONTACTS	
Contact Configurations:	SPDT
Contact Material:	Silver Cadmium Oxide. (Ag-CdO)
Contact Resistance:	50 Milliohms Max. @ 10A, 120VAC or 24VDC. Contacts to be conditioned for 50 operations make and break @ 1 second ON & 1 second OFF.
Contact Rating:	15 Amps @ 110-120 VAC 50/60 Hz, 15 AMPS @ 28 VDC, 12 AMPS 220-277VAC, 50/60Hz, 1/2 HP, 110-120VAC 50/60Hz, 1 HP 220-250VAC 50/60Hz
TIMING	
Operate Time:	25 ms Max. @ Nominal Voltage
Release Time:	25 ms Max. @ Nominal Voltage

DIELECTRIC STRENGTH	
Coil to Contacts:	1500 V rms (1 minute)
Across Open Contacts:	1000 V rms (1 minute)
Contact to Frame:	1500 V rms (1 minute)
Insulation Resistance:	100 Megohms Min. @ 500 VDC
TEMPERATURE	
Ambient Temperature:	-40°C to + 70°C @ Rated Operation
VIBRATION RESISTANCE	
Functional:	10 to 55 Hz; 1mm (Double Amplitude)
SHOCK RESISTANCE	
Mechanical Durability:	Mechanical Durability, 1000 m/s ² (approx. 100 G)
Malfunction Durability:	Malfunction Durability, 2000 m/s ² (approx. 20 G)
LIFE EXPECTANCY	
Mechanical (No Load):	10,000,000 Operations
Electrical (Rated Load):	150,000 Operations Min. (at rated Resistive load)
MISCELLANEOUS	
Weight:	24g (Approx.)