

OCTAL 8 & 11 PIN TIME DELAY RELAY

CLASS
211

CLASS 211
± 0.1 % REPEATABILITY
DPDT, 10 AMP CONTACTS
FIELD ADJUSTABLE TIMING

SPECIFICATIONS CLASS 211 TIME DELAY RELAYS

TIMING

Operating Modes Available: On Delay, Off Delay
Timing Adjustments Available: 0.1 to 1 Sec. thru 8 to 120 Minutes
Repeatability (repeat Accuracy when Stabilized): ±0.1% max. or ± 33 mS AC min. or ± 10 mS DC min. @ Constant voltage & temperature

Timing change over temperature and voltage range: ± 10%
Timing Tolerance high end of range: - 0 to + 40%
Timing Tolerance low end of range: + 0 to - 40%
Reset time: 100 Milliseconds Max.

CONTACTS

Contact Configuration: DPDT (2 Form C)
Contact Rating: 10 Amps @ 120VAC/30VDC Resistive Load, 1/2 Hp @ 240 VAC, 1/3 Hp @ 120 VAC, NEMA B300 Pilot Duty, 500,000 Operations @ 120VAC, 10Amp resistive Load.
Contact Life: 1,000,000 Operations @ 120 VAC, 5 Amp Resistive Load
2,000,000 Operations @ 120VAC, 2 Amps Resistive Load.
Mechanical Life: 50,000,000 Operations.

INPUT

Temperature Range (Operate): - 30 C to + 55 C
Temperature Range (Storage): - 55°C to + 85°C
Steady State Input Current: 20 mA @ 120 VAC, 40 mA @ 24 VDC, 20 mA @ 48 VDC 80 mA @ 24 VDC, 15 mA @ 230 VAC, 80 mA @ 12 VDC.

PROTECTION

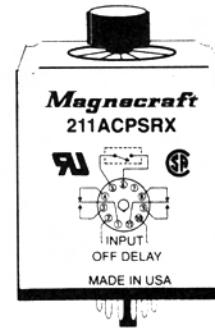
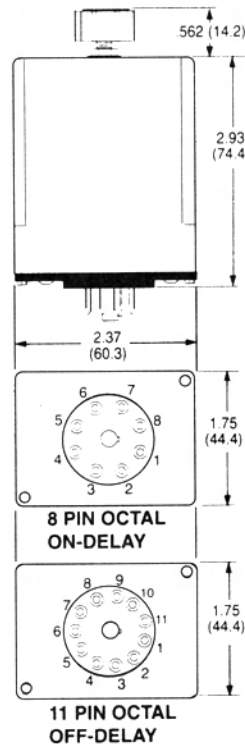
Reverse Polarity: DC models only
Transient: UL 508 Surge test: 5000V for 50 uS
Noise Immunity: NEMA ICS2-230 2500 VAC

DIELECTRIC STRENGTH

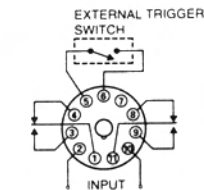
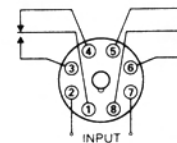
Coil to Contacts: 1500 V rms
Across Open Contacts: 1000 V rms

MECHANICAL

Enclosure: Polycarbonate dust cover.
Mounting: Standard 8 or 11 Pin Octal
Weight: 4 oz. (115 grams)



THE CLASS 211 TIME DELAY RELAY MAKES USE OF HYBRID CIRCUITRY, COMBINING INTEGRATED CIRCUITS FOR A MULTITUDE OF TIMING FUNCTIONS, AND THE RELIABILITY OF RELAY TECHNOLOGY.



WIRING DIAGRAMS VIEWED FROM PIN END



Magnecraft PART NUMBER	NOMINAL INPUT VOLTAGE	TIMING RANGE
ON DELAY		
W211ACPSOX-18	120 VAC	0.1 to 1.0 Seconds
W211ACPSOX-5	120 VAC	0.1 to 10 Seconds
W211ACPSOX-7	120 VAC	1.0 to 180 Seconds
W211ACPSOX-8	120 VAC	2.0 to 300 Seconds
W211ACPSOX-60	120 VAC	1.0 to 15 Minutes
W211ACPSOX-61	120 VAC	2.0 to 30 Minutes
W211ACPSOX-62	120 VAC	4.0 to 60 Minutes
W211ACPSOX-63	120 VAC	8.0 to 120 Minutes
W211CPSOX-1	24 VDC	0.1 to 10 Seconds
W211CPSOX-3	24 VDC	1.0 to 180 Seconds
OFF DELAY		
W211ACPSRX-5	120 VAC	0.1 to 10 Seconds
W211ACPSRX-7	120 VAC	1.0 to 180 Seconds
W211ACPSRX-8	120 VAC	2.0 to 300 Seconds
W211ACPSRX-60	120 VAC	1.0 to 15 Minutes
W211CPSRX-1	24 VDC	0.1 to 10 Seconds
W211CPSRX-3	24 VDC	1.0 to 180 Seconds

EXTERNAL SWITCH SHALL NOT BE CONNECTED TO ANY EXTERNAL LOAD OR VOLTAGE. DAMAGE TO INTERNAL COMPONENTS CAN OCCUR