

Struthers-Dunn

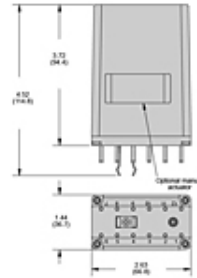
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Phone: (843) 346-4427 • **Fax:** (843) 346-4465**E-Mail:** info@struthers-dunn.com • **Web site:** www.struthers-dunn.com**Item # 255XCXP-115-125VDC, 255 Series - Industrial Latching Relays**

The 255 Series is a two coil latching version of the general purpose type 219 relay. When the operate coil is momentarily energized, contacts transfer and remain so even after coil power is removed. The second coil when momentarily energized, provides electrical reset of the contacts. All contacts operate from a common armature to prevent contact overlapping. Coils are rated for continuous duty. Both coils can be energized at the same time with no damage. The operate coil is dominant.

For Additional Configuration please contact the manufacturer.



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SPECIFICATIONS

Series	255
Contact Arrangement	XCX (3PDT) - (3 form C)
Standard Features	Polycarbonate cover
Coil Voltage	115-125 VDC

CONTACTS

Contact Configuration	Up to 3PDT or 4PST
Contact Material	Silver Alloy Gold Diffused
Contact Rating	10 A
Contact Rating 120 / 240VAC Resistive	10/5 A
Contact Rating 28VDC Resistive	28 A

Contact Resistance, Initial	100 milliohms max at 6VDC
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COIL

Coils Available	AC and DC
Nominal Coil Power AC	4.9 VA
Nominal Coil Power DC	1.8 W
Input Voltage Tolerance - AC	85% to 110% of nominal
Input Voltage Tolerance - DC	80% to 110% of nominal
Drop-out voltage	10% of nominal
Duty	Continuous

TIMING

Operate Time (max)	25 ms
Release Time (max)	20 ms

DIELECTRIC STRENGTH

Across Open Contacts	1500 Vrms
Between Mutually Insulated Point	1500 Vrms
Insulation Resistance	100 Megohms min at 500VDC

TEMPERATURE

Operating	-20 to 60 °C -4 to 140 °F
Storage	-40 to 105 °C -40 to 221 °F

LIFE EXPECTANCY

Electrical (full load)	100,000
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Mechanical (no load)	10,000,000
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MISCELLANEOUS

Mounting Position	Any
Mating Socket	27390D
Enclosure	Clear Polycarbonate
Weight	1.8 oz 300 g
