

Relays*•Power/Power Latching

OHMITE[®]
Manufacturing Company

DOS Model—Power Relays

Features

- **Wide** application, general purpose relay.
- **Compact** and lightweight.
- **Handle** loads usually demanded of larger relays.
- **Stock** models available unenclosed, with plug base, plug base with dust cover and in hermetic enclosures.

Specifications

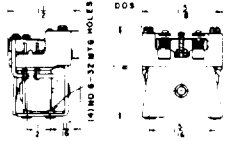
Electrical

Contact Rating: 15 Amps. nominal. Rating is for 115 VAC or 32 VDC, resistive load.

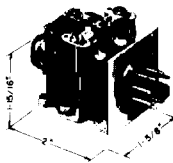
Coil Wattage: 2.5 Watts, DC.

3.0 Watts, AC.

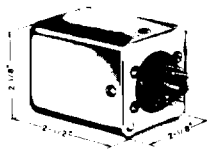
Dimensions



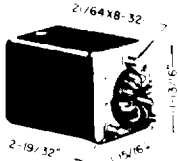
DOSX & DOSUX
Standard Unenclosed



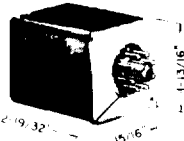
DOSPX
Octal Plug Base



DOSEPX
Octal Plug Base
with Dust Cover



DOSHX
Hermetic Enclosure
with 8 Terminals



DOSHX
Hermetic Enclosure
with Octal Plugs

Plug Wiring Diagrams



DOSPX
Octal Plug Base



DOSEPX
Octal Plug Base
with Dust Cover



DOSHPX
Hermetic Enclosure
with Octal Plugs

Weight (Average): 4 oz. DOSX and DOSUX Models.
8 oz. All other DOS Models.

*Since all relays are electro-mechanical devices, they are subject to mechanical wear and, therefore, have a finite life.

DOS Model Stock Part Numbers¹

(Made-to-order models available. Contact nearest Ohmite Sales Office.)

Stock DOS Relays

SPST	6 VAC	890	1 07	DOSX 229T
DPST-N.O.	6 VAC	890	1 07	DOSX 230T
DPDT	6 VAC	890	1 07	DOSX 30T
DPDT	12 VAC	460	4 2	DOSX 16T
SPST	24 VAC	269	15 5	DOSX 231T
DPST-N.O.	24 VAC	269	15 5	DOSX 232T
DPDT	24 VAC	269	15 5	DOSX 162T
SPST	115 VAC	043	450	DOSX 233T
SPST	115 VAC	043	450	DOSUX 34T**
DPST-N.O.	115 VAC	043	450	DOSX 234T
DPDT	115 VAC	043	450	DOSUX-31T**
DPDT	115 VAC	043	450	DOSX-7T
DPDT	230 VAC	030	1 450	DOSUX 33T**
SPST	230 VAC	030	1 450	DOSX 235T
DPST-N.O.	230 VAC	030	1 450	DOSX 236T
DPDT	230 VAC	030	1 450	DOSX 12T
DPDT	6 VDC	450	13 4	DOSX 158T
DPDT	12 VDC	210	56 2	DOSX 66T
DPDT	24 VDC	105	230	DOSX-9T
SPST	110 VDC	022	5 000	DOSX-237T
DPST-N.O.	110 VDC	022	5 000	DOSX 238T
DPDT	110 VDC	022	5 000	DOSX 59T
DPDT	220 VDC	013	16 400	DOSX 177T

**UL Recognized and CSA Certified

With Plug Base

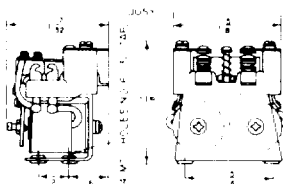
DPDT	115 VAC	043	450	DOSPX-1T
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With Dust Cover/Plug Base

DPDT	115 VAC	043	450	DOSEPX-5T
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In Hermetic Enclosure

DPDT	115 VAC	043	450	DOSHX 40T
DPDT	115 VAC	043	450	DOSHPX 47T
DPDT	110 VDC	022	5 000	DOSHX 39T
DPDT	110 VDC	022	5 000	DOSHPX 46T



DOSY Model

- High sensitivity twin coil design.
- 15 Ampere Contact Rating.
- Ideal for Plate Circuit applications.

Similar in construction to the Model DOS Power Relay, the DOSY Latching Power Relay is equipped with twin coils for increased sensitivity. It is adaptable to a wide range of electronic control applications such as plate circuit controls or as an overload or underload control in DC circuits to signal attainment of predetermined current levels.

- **Electrical**
Coil Wattage: 1 Watt, with max. temperature rise of 45°C.
(lower wattages available)
- **Weight (Average):** 4.5 oz.



Sensitive Model DOSY Relay for Plate Circuits Stock Part Numbers²

DPDT	8	10 000	DOSYX-67T
DPDT	11	5 000	DOSYX-68T
SPDT	5	10 000	DOSYX-69T
SPDT	7	5 000	DOSYX-70T

**Coil data applies to relay part of latching assembly. Reset magnet also operates on 115 VAC, 60 Hz

*Since all relays are electro-mechanical devices, they are subject to mechanical wear and, therefore, have a finite life.

¹Popular items appear in **BOLD** print and are usually in stock at authorized Ohmite stocking distributors. Items appearing in **LIGHT FACE** print are available from stocking distributors but are not normally stocked in depth. **PARENTHESES (items)** indicate non-stock standard items subject to a minimum handling charge per item.

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