

RELAYS & CONTACTORS

MAGNECRAFT POWER RELAYS 199 SERIES POWER RELAYS



DESCRIPTION

The **199 Series Power Relays** combine high-power switching, durable construction and multiple design options. These relays are the open type with high dielectric strength, with riveted construction that increases the life of the relay. The 40 Amp **199 Series Power Relays** are suitable for anti-condensation equipment, compressor and blower control and motorized duct/vent control applications.

NEW!

Schneider
Electric



199AX-14



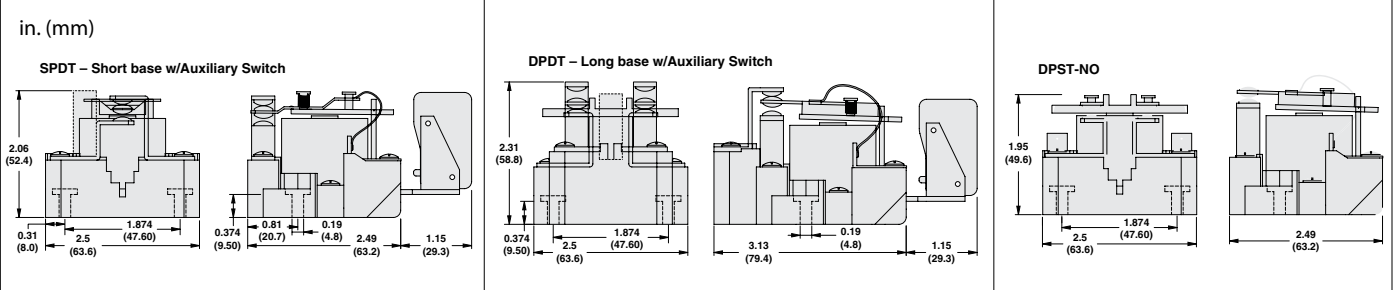
FEATURES

- **High current ratings (40 Amps)**
- **AgSnO contacts (Silver Tin Oxide)**
- **Riveted Construction**
- **Molded Phenolic base material withstands high temperatures**

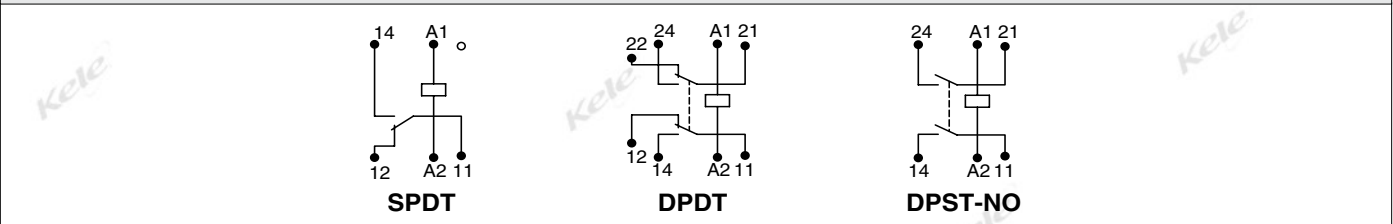
SPECIFICATIONS

Current Rating	40A	Minimum Switching Requirement	1A at 5 VAC/VDC
Coil Voltage Range	6 to 600 VAC; 6 to 250 VDC	Dielectric Strength	
Coil Power		Between Coil and Contact	2200V
	10 VA; 4 W (maximum)	Between Poles	2200V
Maximum Switching Voltage		Between Open Contacts	1600V
	600 V	Frequency	50/60 Hz
Rated Switching Current at Voltage		Contact Material	Silver tin oxide (AgSnO)
Resistive	40A at 300 VAC	Operating Temperature	-67° to 131°F (-55° to 55°C)
	5A at 480 VAC	Storage Temperature	-67° to 212°F (-55° to 100°C)
	5A at 600 VAC	Weight	0.50 to 0.69 lbs (0.23 to 0.31 kg)
	40A at 28 VDC	Approvals	cULus listed File #E43641, cURus File #E43641, CSA, CE, RoHS
Motor	2 HP at 120 to 600 VAC		
Tungsten	15A at 120 VAC		

DIMENSIONS



WIRING





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ORDERING INFORMATION

MODEL	DESCRIPTION
199ABX-14	POWER RELAY 40A/DPDT/120VAC COIL W/ BLOWOUT MAGNET
199ADX-4	POWER RELAY 40A/SPST-NO-DM/120VAC COIL
199AX-10	POWER RELAY 40A/DPST-NO/240VAC COIL
199AX-13	POWER RELAY 40A/DPDT/24VAC COIL
199AX-14	POWER RELAY 40A/DPDT/120VAC COIL
199AX-15	POWER RELAY 40A/DPDT/240VAC COIL
199AX-4	POWER RELAY 40A/SPDT/120VAC COIL
199AX-9	POWER RELAY 40A/DPST-NO/120VAC COIL
199BX-13	POWER RELAY 40A/DPDT/24VDC COIL W/BLOWOUT MAGNET
199BX-14	POWER RELAY 40A/DPDT/110VDC COIL W/BLOWOUT MAGNET
199DBX-16	POWER RELAY 40A/SPST-NO-DM/48VDC COIL W/BLOWOUT MAGNET
199DBX-3	POWER RELAY 40A/SPST-NO-DM/24VDC COIL W/BLOWOUT MAGNET
199DX-2	POWER RELAY 40A/SPST-NO-DM/12VDC COIL
199DX-3	POWER RELAY 40A/SPST-NO-DM/24VDC COIL
199X-12	POWER RELAY 40A/DPDT/12VDC COIL
199X-13	POWER RELAY 40A/DPDT/24VDC COIL
199X-14	POWER RELAY 40A/DPDT/110VDC COIL
199X-2	POWER RELAY 40A/SPDT/12VDC COIL
199X-3	POWER RELAY 40A/SPDT/24VDC COIL
199X-7	POWER RELAY 40A/DPST-NO/12VDC COIL
199X-8	POWER RELAY 40A/DPST-NO/24VDC COIL