

NEW

GENERAL PURPOSE "ICE CUBE" PLUG-IN RELAYS WITH SPADE BASE

D5PF Series
Starts at
\$13⁵⁰

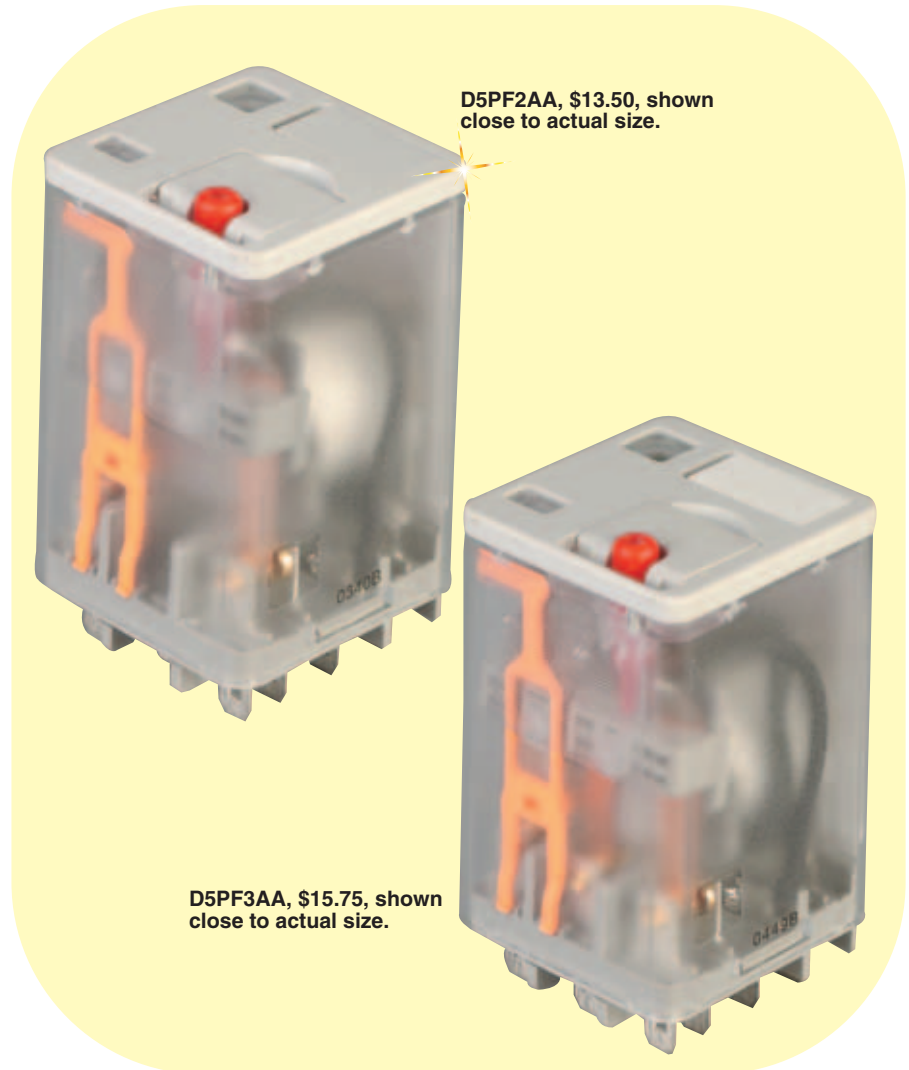


* When used with accompanying D5PA2 screw terminal socket.

RoHS

- Industrial Rated 300V, 15 A Relay in 2- and 3-Pole Configurations
- Compact Design Can Be DIN Rail Mounted
- Flag Indicator Shows Relay Status in Manual or Powered Condition
- LED Status Lamp Shows Coil "ON" or "OFF" Status—Ideal for Use in Low Light Applications
- Push-to-Test Button Allows for Manual Operation of Relay without the Need for Coil Power
- Lock-Down Door Holds Pushbutton and Contacts in the Operate Position when Activated
- Finger-Grip Cover Allows Operator to Remove Relays from Sockets Easily
- ID Tag/Write Label to Identify Relays in Multiple-Relay Circuits
- Bi-Polar LED Allows for Reverse Polarity Applications

The D5PF are plug-in type relays that feature a spade connection base. The D5PF series offer a number of enhanced features including LED status lamp, push-to-test button for manual relay operation, a convenient finger grip for removing relays and a write-on label that can be used for identifying the relay in multiple relay circuits.



D5PF2AA, \$13.50, shown close to actual size.

D5PF3AA, \$15.75, shown close to actual size.

SPECIFICATIONS

[RESISTIVE LOAD (P.F. = 1.0)]
Rated Load (p.f. = 0.8): 240 Vac 12 A, 120 Vac 12 A, 28 Vdc 12 A
Carry Current: 12 A
Max Operating Voltage: 110% of nominal
Max Operating Current: 15 A
Dielectric Strength: 1500V
Approx Weight: 88 g (3.1 oz)
Operating Temperature: -30 to 50°C (-22 to 122°F)
Storage Temperature: -30 to 100°C (-22 to 212°F)
Contact Resistance: 50 milliohms max @ rated current
Contact Material: AgCdO (Au flashed)
Pickup Voltage: 85% AC, 80% DC

Dropout Voltage (Min): 30% AC, 10% DC

Voltage (Max): 110%

Mechanical Life (Min): 5 million (no load)

Electrical Life (Min): 200,000 operations at rated resistive load

Max hp Ratings:

1/8 hp: 120 Vac
1/8 hp: 240 Vac

D5PA2 SOCKET SPECIFICATIONS

Type: 11-pin screw

Electrical Ratings: 15 A, 300V

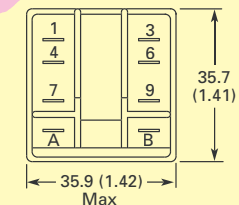
Mounting Torque: 8 to 10 in-lb

Hook-Up Wire Range: 12 to 22 AWG solid or stranded

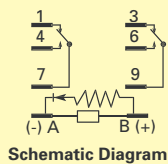
Compatible Hold Down Spring: PQC-1351



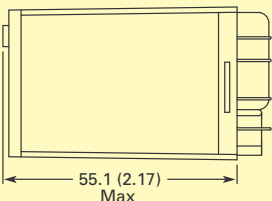
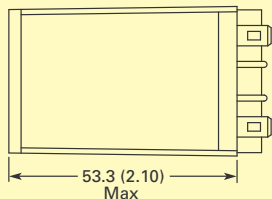
D5PF2



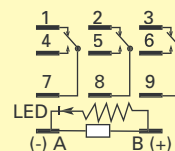
Terminal Arrangement (Bottom View)



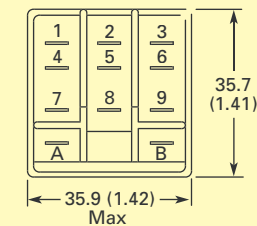
Schematic Diagram



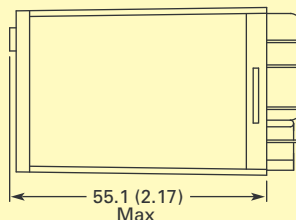
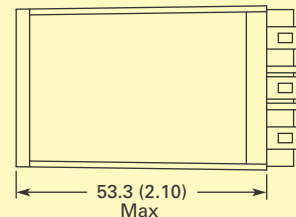
D5PF3



Schematic Diagram

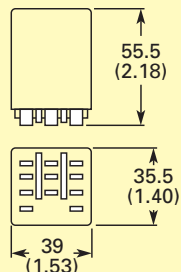
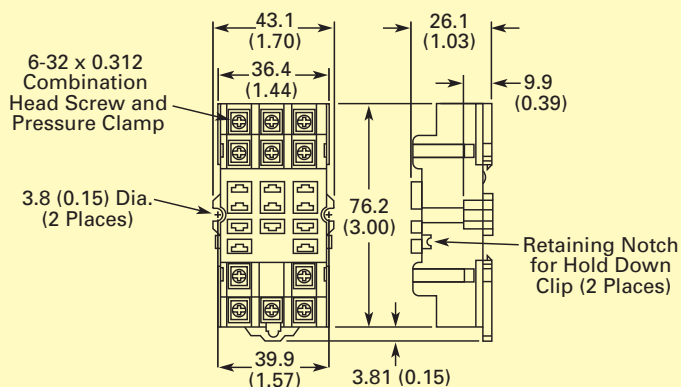


Terminal Arrangement (Bottom View)

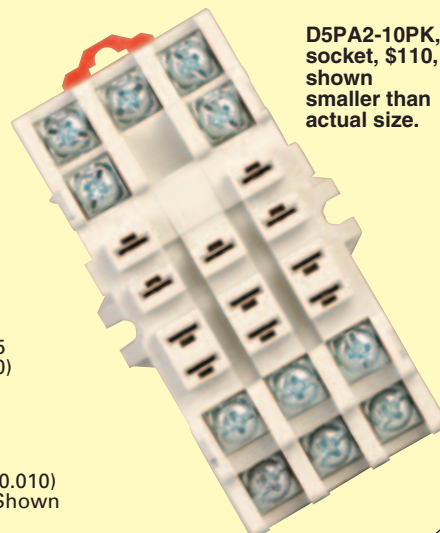


D5PA2

Dimensions: mm (in)



Tolerances: ± 0.25 (± 0.010) Unless Otherwise Shown



D5PA2-10PK, socket, \$110, shown smaller than actual size.

To Order (Specify Model Number)

MOST POPULAR MODELS HIGHLIGHTED!

MODEL NO.	PRICE	DESCRIPTION
D5PF2AA	\$13.50	2PDT 8-pin relay, 120 Vac coil voltage, requires D5PA2 relay socket
D5PF2AT	13.50	2PDT 8-pin relay, 24 Vac coil voltage, requires D5PA2 relay socket
D5PF2AT1	13.50	2PDT 8-pin relay, 24 Vdc coil voltage, requires D5PA2 relay socket
D5PF3AA	15.75	3PDT 11-pin relay, 120 Vac coil voltage, requires D5PA2 relay socket
D5PF3AT	15.75	3PDT 11-pin relay, 24 Vac coil voltage, requires D5PA2 relay socket
D5PF3AT1	15.75	3PDT 11-pin relay, 24 Vdc coil voltage, requires D5PA2 relay socket

Ordering Examples: Ten D5PF2AA relays, D5PA2-10PK, 10 pack relay sockets, PQC-1351-10PK, hold down springs, $(\$13.50 \times 10) + 110 + 6 = \251 .

Three D5PF3AA, 3 PDT 11-pin relays for 120 Vac, three D5PF2-BC, DIN rail sockets with hold down spring, $(\$15.75 \times 3) + (13 \times 3) = \86.25 .

ACCESSORIES

MODEL NO.	PRICE	DESCRIPTION
D5PA2-10PK	\$110	DIN rail mount relay socket, 10 pack, requires PQC-1351 hold down spring
PQC-1351-10PK	6	Hold down spring, 10 pack
D5PF2-BC	13	DIN rail mount socket and hold down spring for D5PF relays



UNITED STATES

www.omega.com
1-800-TC-OMEGA
Stamford, CT.

CANADA

www.omega.ca
Laval(Quebec)
1-800-TC-OMEGA

GERMANY

www.omega.de
Deckenpfronn, Germany
0800-8266342

UNITED KINGDOM

www.omega.co.uk
Manchester, England
0800-488-488

FRANCE

www.omega.fr
Guyancourt, France
088-466-342

CZECH REPUBLIC

www.omegaeng.cz
Karviná, Czech Republic
596-311-899

BENELUX

www.omega.nl
Amstelveen, NL
0800-099-33-44



More than 100,000 Products Available!

• Temperature

Calibrators, Connectors, General Test and Measurement Instruments, Glass Bulb Thermometers, Handheld Instruments for Temperature Measurement, Ice Point References, Indicating Labels, Crayons, Cements and Lacquers, Infrared Temperature Measurement Instruments, Recorders Relative Humidity Measurement Instruments, RTD Probes, Elements and Assemblies, Temperature & Process Meters, Timers and Counters, Temperature and Process Controllers and Power Switching Devices, Thermistor Elements, Probes and Assemblies, Thermocouples Thermowells and Head and Well Assemblies, Transmitters, Wire

• Flow and Level

Air Velocity Indicators, Doppler Flowmeters, Level Measurement, Magnetic Flowmeters, Mass Flowmeters, Pitot Tubes, Pumps, Rotameters, Turbine and Paddle Wheel Flowmeters, Ultrasonic Flowmeters, Valves, Variable Area Flowmeters, Vortex Shedding Flowmeters

• pH and Conductivity

Conductivity Instrumentation, Dissolved Oxygen Instrumentation, Environmental Instrumentation, pH Electrodes and Instruments, Water and Soil Analysis Instrumentation

• Data Acquisition

Auto-Dialers and Alarm Monitoring Systems, Communication Products and Converters, Data Acquisition and Analysis Software, Data Loggers Plug-in Cards, Signal Conditioners, USB, RS232, RS485 and Parallel Port Data Acquisition Systems, Wireless Transmitters and Receivers

• Pressure, Strain and Force

Displacement Transducers, Dynamic Measurement Force Sensors, Instrumentation for Pressure and Strain Measurements, Load Cells, Pressure Gauges, Pressure Reference Section, Pressure Switches, Pressure Transducers, Proximity Transducers, Regulators, Strain Gages, Torque Transducers, Valves

• Heaters

Band Heaters, Cartridge Heaters, Circulation Heaters, Comfort Heaters, Controllers, Meters and Switching Devices, Flexible Heaters, General Test and Measurement Instruments, Heater Hook-up Wire, Heating Cable Systems, Immersion Heaters, Process Air and Duct, Heaters, Radiant Heaters, Strip Heaters, Tubular Heaters