

GENERAL PURPOSE COMPACT 4PDT "ICE CUBE" PLUG-IN RELAYS WITH ENHANCED FEATURES



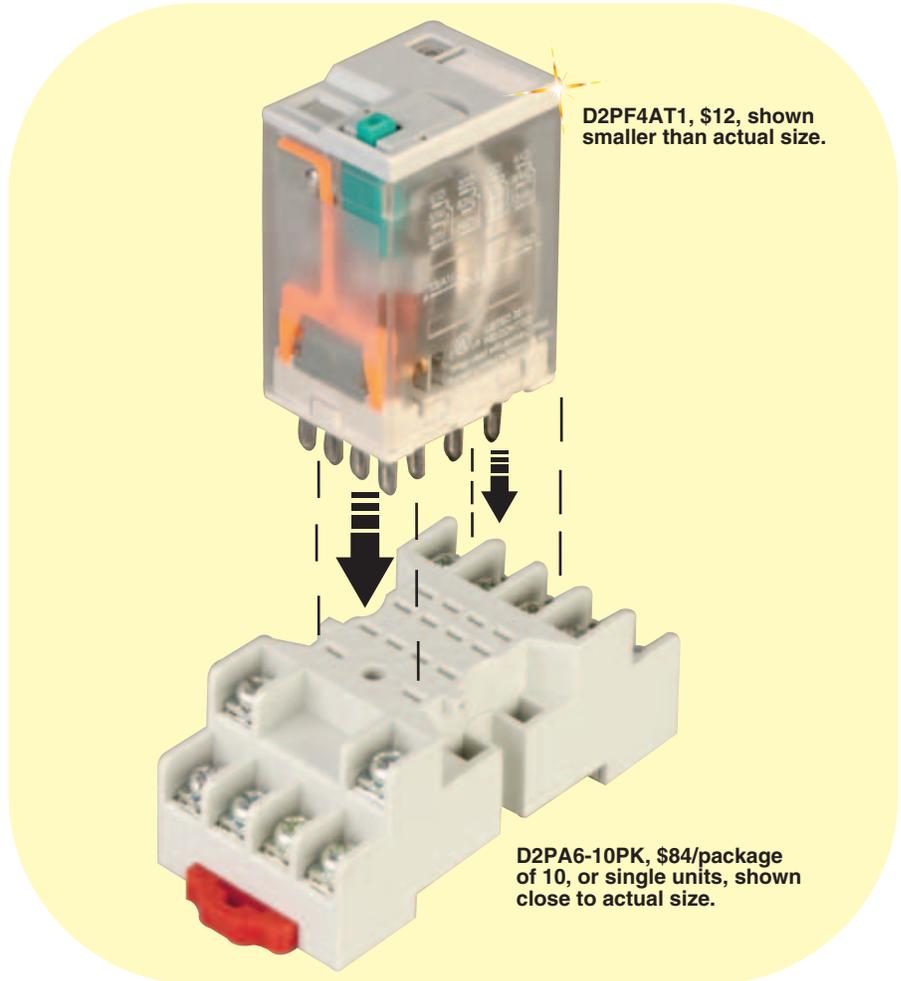
D2PF Series
Starts at
\$12



* DPF series only when used
with D2PA6 socket

- Flag Indicator Shows Relay Status in Manual or Powered Condition
- Bi-Polar LED Status Lamp Allows for Reverse Polarity Applications
- Shows Coil ON or OFF Status
- Ideal in Low Light Conditions
- Color Coded Pushbutton Identifies: AC Coils with Red or DC Coils with Blue Pushbuttons and Allows for Manual Operation of Relay Without the Need for Coil Power
- Ideal for Field Service Personnel to Test Control Circuits
- Lock Down Door, When Activated, Holds Pushbutton and Contacts in the Operate Position-Excellent for Analyzing Circuit Problems
- Finger-Grip Cover Allows Operator to Remove Relays from Sockets More Easily than Conventional Relays
- White Plastic ID Tag/Write Label Used for Identification of Relays in Multi-Relay Circuits

The D2PF series relays are general purpose plug-in style relays. These 4PDT relays are extremely compact and are available with coil voltage of 24 Vdc and 120 Vac. The D2PF 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.



D2PF4AT1, \$12, shown smaller than actual size.

D2PA6-10PK, \$84/package of 10, or single units, shown close to actual size.

SPECIFICATIONS

[INDUCTIVE LOAD (P.F. = 1.0)]
Coil Pickup Voltage (Max): 85% AC; 80% DC (% of nominal)
Coil Drop Out Voltage (Min): 10% AC; 10% DC (% of nominal)
Coil Maximum Voltage: 110% of nominal
Coil Insulation System per UL Standard 1446: Class B, 130°C (266°F)
Contact Configuration: 4PDT
Rated Load: 120 Vac to 3 A, 277 Vac, 28 Vdc to 3 A
Maximum hp Ratings: 1/10 hp, 120 Vac, 1/10 hp, 277 Vac
Contact Material: Fine silver, gold diffused
Pilot Duty: B300
Utilization Category (IEC): AC-15

Min Permissible Load: 100 mA @ 5 Vdc or 0.5 W
Contact Resistance: 100 Milliohms max @ 6V, 1 A
Dielectric Strength Coil to Contacts: 1500 Vrms
Dielectric Strength Across Open Contacts: 1000 Vrms
Dielectric Strength Contacts to Frame: 1500 Vrms
Dielectric Strength Insulation Resistance: 100 MΩ min @ 500 Vdc
Operating Temperature: -40 to 70°C (-40 to 158°F)
Storage Temperature: -40 to 105°C (-40 to 221°F)
Electrical Life Expectancy at Rated Resistive Load: 200,000 operations
Mechanical Life Expectancy at No Load: 10 million operations
Approximate Weight: 37 g (0.081 lb)



D2PA6 SOCKET

SPECIFICATIONS

Socket Type: Screw terminal

Electrical Ratings: 10 A, 300V

Mounting Torque: 0.79 to 0.90 Nm
(7 to 8 in-lb)

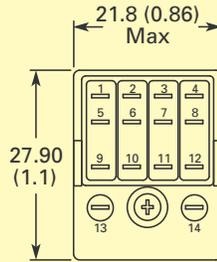
Hook-Up Wire Range: 14 to 28 AWG
solid or stranded

Hold Down Clip: PQC-1342
(when used with D2PF4 relay)

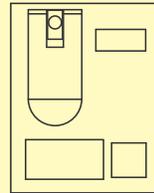
COIL RESISTANCE

COIL VOLTAGE	Ω	MA*
24 Vdc	650	37
120 Vac	4430	10

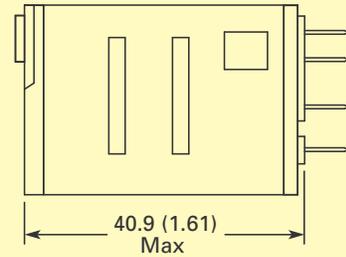
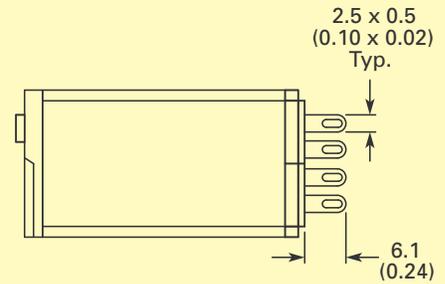
* At 60 Hz for AC coils.



Terminal Arrangement (Bottom View)

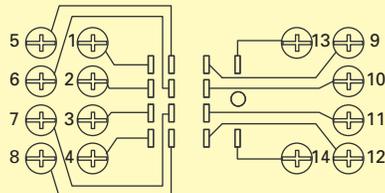


D2PF4



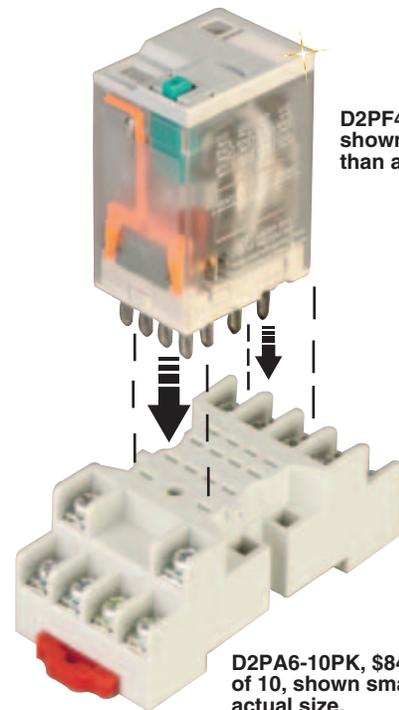
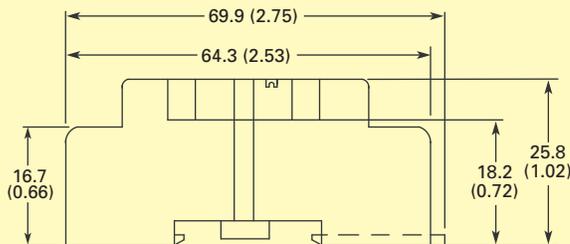
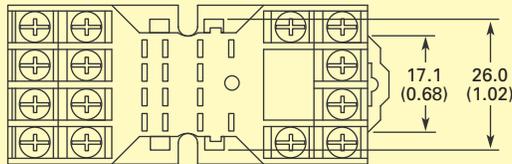
Dimensions: mm (in)

D2PA6



Wiring Diagram (Top View)

Dimensions: mm (in)



D2PF4AT1, \$12, shown smaller than actual size.

D2PA6-10PK, \$84/package of 10, shown smaller than actual size.

To Order (Specify Model Number)

MODEL NO.	PRICE	DESCRIPTION
D2PF4AA	\$12	4PDT relay, 120 Vac coil voltage
D2PF4AT1	12	4PDT relay, 24 Vdc coil voltage
D2PA6-10PK	84	Screw terminal socket for D2PF4AA and D2PF4AT1 relays (requires PQC-1342 hold down clip), 10-pack
PQC-1342-10PK	6	Hold down clip for D2PA6 screw terminals, 10-pack
D2PF4-BC	12	Screw terminal socket and hold down clip for D2PF4AA and D2PF4AT1 relays

Ordering Example: Ten D2PF4AA relays, 1 D2PA6-10PK 10-pack of relay sockets and 1 PQC-1342-10PK and 10-pack of hold down clips, (\$12 x 10) + 84 + 6 = \$210.

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