

General Purpose Compact 4PDT “Ice Cube” Plug-In Relays with Enhanced Features

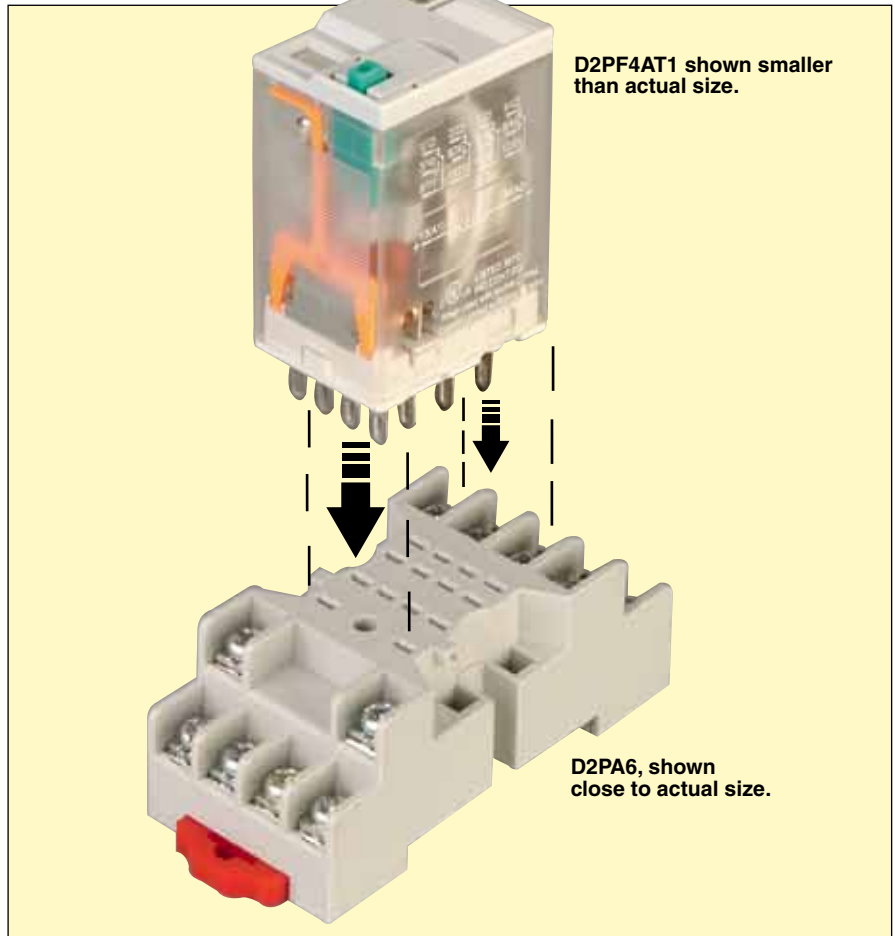
D2PF Series



* 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.

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: 1/80 hp, 120 Vac, 1/80 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)

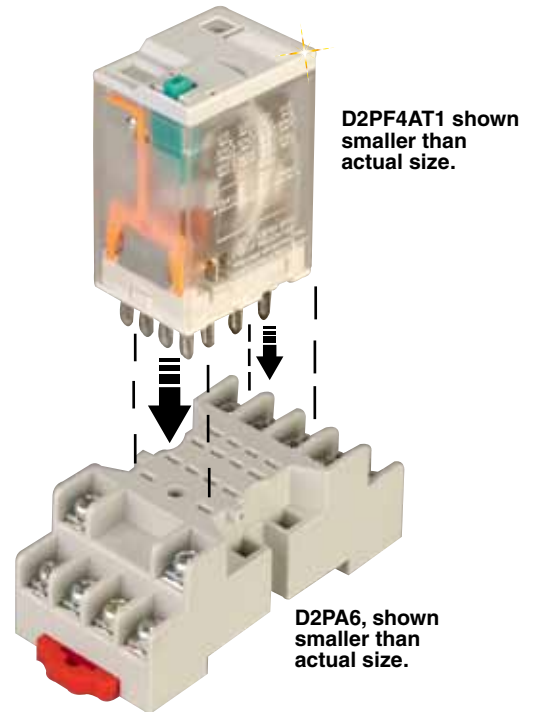
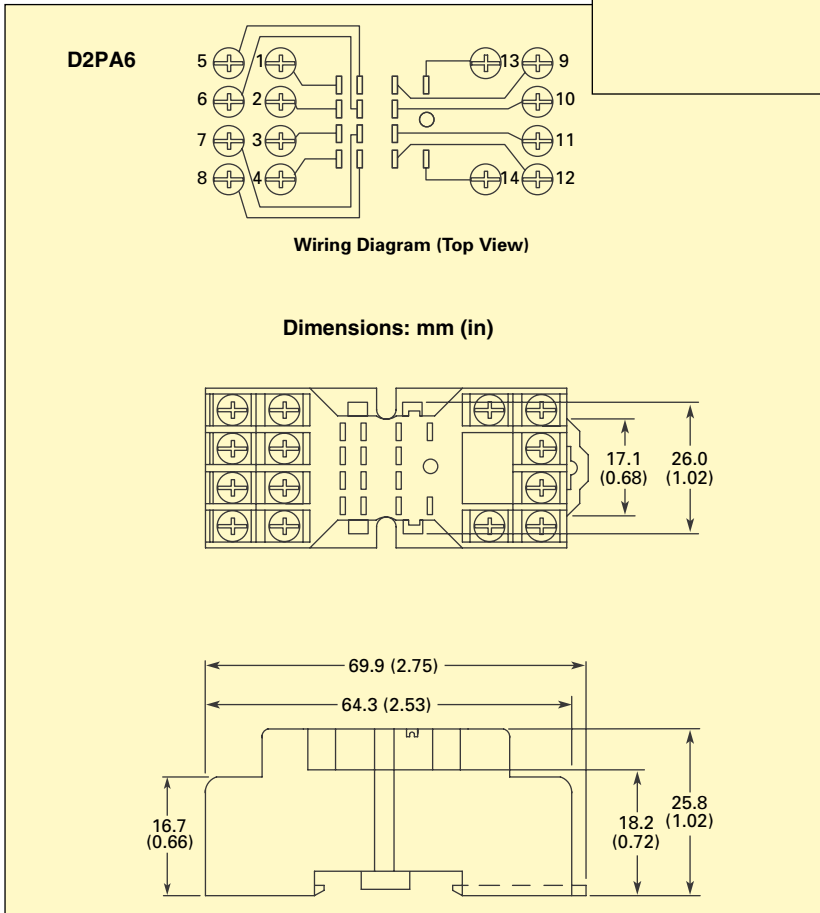
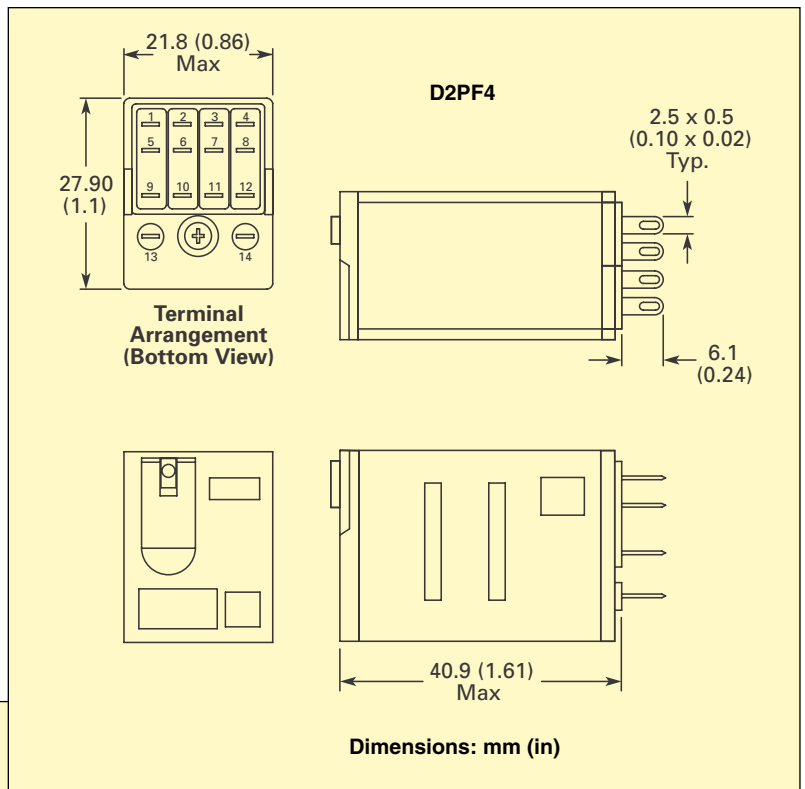
Hook-Up Wire Range: 14 to 28 AWG
 solid or stranded

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.



To Order

Model No.	Description
D2PF4AA	4PDT relay, 120 Vac coil voltage
D2PF4AT1	4PDT relay, 24 Vdc coil voltage
D2PA6	Screw terminal socket for D2PF4AA and D2PF4AT1 relays (requires PQC-1342 hold down clip)
PQC-1342	Hold down clip for D2PA6 screw terminals
D2PF4-BC	Screw terminal socket and hold down clip for D2PF4AA and D2PF4AT1 relays

Ordering Example: D2PF4AA relay, 1 D2PA6 relay socket and 1 PQC-1342 hold down clip.