

# GENERAL PURPOSE "ICE CUBE" PLUG-IN RELAYS WITH OCTAL BASE

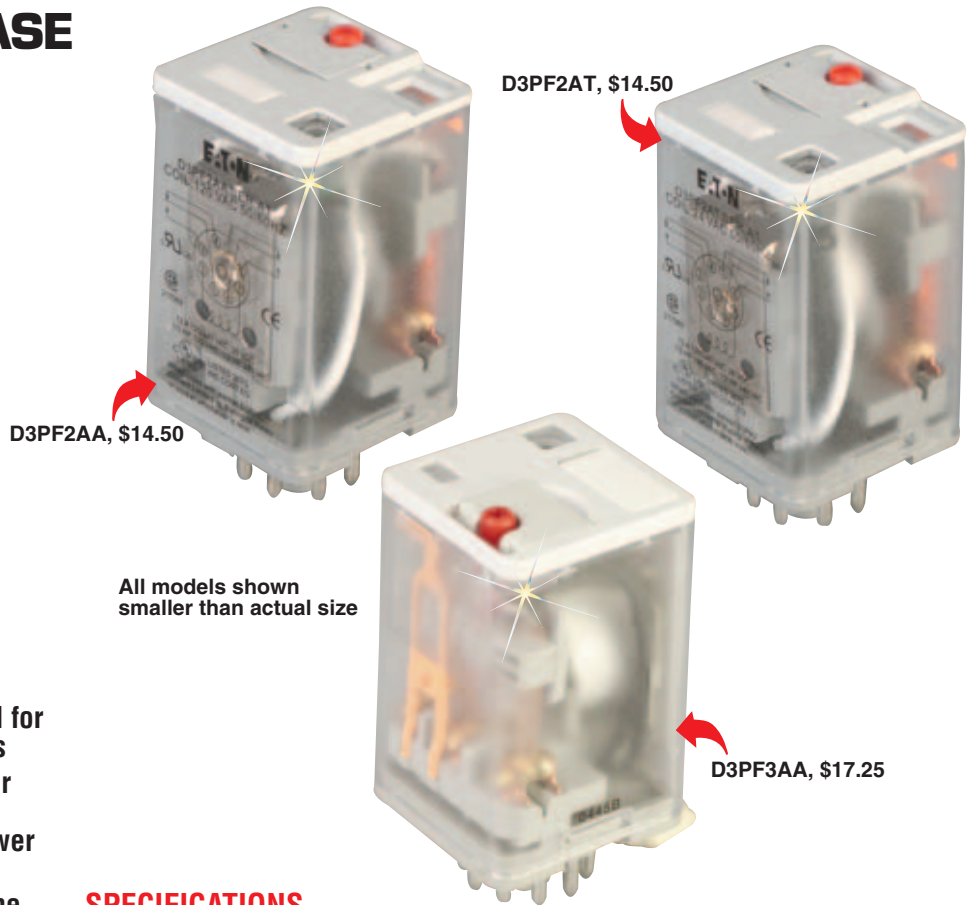


D3PF Series  
Starts at  
\$ 14<sup>50</sup>



- Compact Relay Capable of Breaking Relatively Large Load Currents
- DIN Rail Mounting
- 8- or 11-Pin Octal Plug-In
- 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 D3PF are plug-in type relays that feature an octal connection base. The D3PF 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

(RESISTIVE LOAD, P.F. = 1.0)  
**Rated Load:** 240 Vac 12 A, 120 Vac 12 A, 28 Vdc 12 A  
**Carry Current:** 12 A  
**Max Operating Voltage:** 110% of nominal  
**Contact Resistance:** 50 milliohm max @ 10 A 120 Vac or 24 Vdc  
**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 Material:** AgCdO (Au flashed)  
**Max Switching Capacity:** 12 A  
**Min Permissible Load:** 100 mA

**Pickup Voltage (Max):** 85% AC, 80% DC  
**Drop Out Voltage (Min):** 30% AC, 10% DC  
**Voltage (Max):** 110%  
**Mechanical Life (Min):** 5 million (no load)  
**Electrical Life @ All Contact Ratings (Min):** 200,000 operations at rated resistive load  
**Maximum hp Ratings:**  
 1/2 hp: 120 Vac  
 1/2 hp: 240 Vac

## COIL RESISTANCE

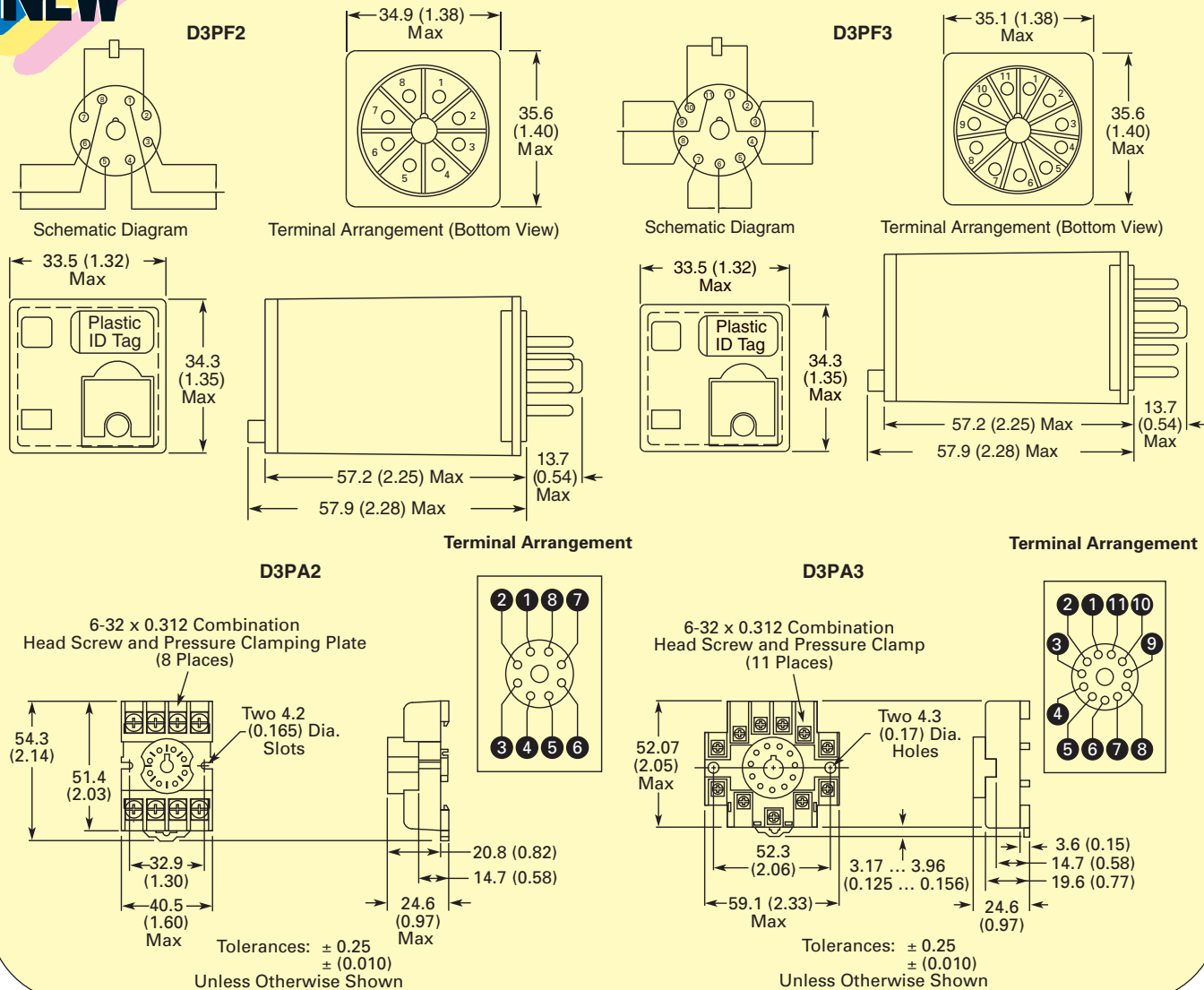
COIL VOLTAGE	Ω	mA	
		50 Hz	60 Hz
24 Vac	72	398.0	340
120 Vac	1700	76.0	65
24 Vdc	470	49.9	—

## RELAY SOCKETS

RELAY	SOCKET	HOLD DOWN SPRING/CLIP	SOCKET SPECIFICATIONS			
			ELECTRICAL RATING	MOUNTING TORQUE	HOOK-UP WIRE RANGE	MOUNTING
D3PF2	D3PA2	PQC-1344	10 A, 600V 15 A, 300V	8 to 10 in-lb	12 to 22 AWG solid or stranded	DIN rail
D3PF3	D3PA3	PQC-1351	5 A, 600V 15 A, 300V	8 to 10 in-lb	12 to 22 AWG solid or stranded	DIN rail



Dimensions: mm (in)



**To Order (Specify Model Number)**

**MOST POPULAR MODELS HIGHLIGHTED!**

MODEL NO.	PRICE	DESCRIPTION
D3PF2AA	\$14.50	DPDT relay, 8 pin octal, 120 Vac coil voltage, requires D3PA2 socket
D3PF2AT	14.50	DPDT relay, 8 pin octal, 24 Vac coil voltage, requires D3PA2 socket
D3PF2AT1	14.50	DPDT relay, 8 pin octal, 24 Vdc coil voltage, requires D3PA2 socket
D3PF3AA	17.25	3PDT relay, 11 pin octal, 120 Vac coil voltage, requires D3PA3 socket
D3PF3AT	17.25	3PDT relay, 11 pin octal, 24 Vac coil voltage, requires D3PA3 socket
D3PF3AT1	17.25	3PDT relay, 11 pin octal, 24 Vdc coil voltage, requires D3PA3 socket

Ordering Examples: Ten D3PF2AA relays, D3PA2-10PK, sockets, and PQC-1344-10PK spring/clip, (\$14.50 x 10) + 57 + 6 = \$208.  
 Two D3PF2AA, DPDT 8-pin octal relay for 120 Vac, two D3PF2-BC sockets with hold down spring/clip, (\$14.50 x 2) + (8 x 2) = \$45.

**ACCESSORIES**

MODEL NO.	PRICE	DESCRIPTION
D3PA2-10PK	\$57	8 pin DIN rail mount octal socket, for D3PF2 relays, 10 pack, requires PQC-1344 hold down clip/spring
D3PA3-10PK	80	11 pin DIN rail mount octal socket, for DPF3, 10 pack, requires PQC-1332 hold down clip/spring
PQC-1344-10PK	6	Hold down clip/spring for D3PA2, 10 pack
PQC-1351-10PK	6	Hold down clip/spring for D3PA3, 10 pack
D3PF2-BC	8	8 pin DIN rail mount octal socket and hold down clip/spring for D3PF2 relays
D3PF3-BC	12	11 pin DIN rail mount octal socket and hold down clip/spring for D3PF3 relays

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