# **Relays Selection Guide, continued**







Description	D3 Series			Page V9-T3-15  ROHS C WUS C E SP  Polycarbonate cover Indicator lamp available Panel and DIN mounting Socket has built-in hold-down spring		Page V9-T3-16  ROHS C WUS C E SP  Polycarbonate cover Indicator lamp and pushbutton available Panel, DIN and PC board mounting	
	Page V9-T3-13						
Approvals	RÖHS call us CE						
Features	Polycarbonate cover Indicator lamp and pushbutton available Panel and DIN mounting 8- or 11-pin octal plug-in Latching (D3PR version)						
Contact Data							
Configuration		DPDT	3PDT	SPDT	DPDT	DPDT	3PDT
Maximum allowable load	16A	16A	16A	10A at 250 Vac	5A at 240 Vac	16A	16A
Material	Silver alloy	ı		AgCdO		Silver alloy	
Dielectric strength between poles	1500V			5000V		1500V	
Coil Data							
AC	6-240 Vac			6–240 Vac		6–240 Vac	
DC	6–110 Vdc		6–110 Vdc		6–110 Vdc		
Power							
VA (Vac)	3 VA,1.4 Watts (D3PRand DPF)		0.9 VA		3 VA		
Watts (Vdc)	2 VA 1.64 Watts (D3PR5 latching)		0.5 Watts		1.4 Watts		
General Data							
Ambient temperature							
Storage	-40° to 185°F (-40° to 85°C)			-40° to 158°F (-40° to 70°C)		-40° to 185°F (-40° to 85°C)	
Operational	-40° to 131°F (-40° to 55°C)			-40° to 158°F (-40° to 70°C)		-40° to 131°F (-40° to 55°C)	
Response time	20 milliseconds			15 milliseconds		206 millisecon	ds
Life							
Mechanical operations	5 million (D3PR and D3PF) 10 million (D3PR5 latching)		10 million		5 million		
Electrical operations	100,000			100,000		100,000	

For our complete product offering, see Volume 7—Logic Control, Operator Interface and Connectivity Solutions, CA08100008E and PG05400001E.

#### General Purpose Plug-In Relays—D3 Series

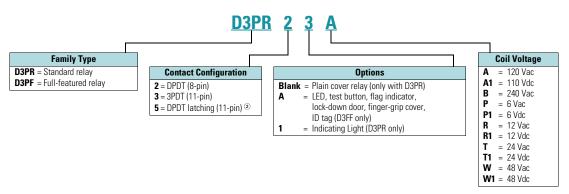


#### **Features**

- Compact relay capable of breaking relatively large load currents
- The contact operation can be easily checked by push-to-test button
- Panel and DIN rail mounting
- 8- or 11-pin octal plug-in

# Catalog Number Selection General Purpose Plug-In Relays

D3 Series 1



### **Product Selection**

# D3 Relay/Socket Quick Reference

Relay Type	Socket	Clip
D3PR2	D3PA6	PQC-1332
D3PF2	D3PAL8	PQC-1351
	D3PA2	PQC-1351
D3PR3	D3PA7	PQC-1332
D3PF3	D3PAL11	PQC-1351
	D3PA3	PQC-1351
D3PR5	D3PA7	PQC-1351
	D3PAL11	PQC-1351
	D3PA3	PQC-1351

## Notes

- ① For deciphering catalog numbers.
  - Do not use for ordering as not all combinations are readily available.
- ② D3PR only.

# General Purpose Plug-In Relays - D3PR/D2PF

Coil Voltage	Contact Configuration	Coil Resistance (Ohms)	Catalog Number	
Full Featured Style				
120 Vac	DPDT	1,700	D3PF2AA	
240 Vac	DPDT	7,200	D3PF2AB	
12 Vdc	DPDT	120	D3PF2AR1	
24 Vdc	DPDT	470	D3PF2AT1	
48 Vdc	DPDT	1,800	D3PF2AW1	
120 Vac	3PDT	1,700	D3PF3AA	
220/240 Vac	3PDT	7,200	D3PF3AB	
6 Vdc	3PDT	32	D3PF3AP1	
24 Vac	3PDT	72	D3PF3AT	
24 Vdc	3PDT	470	D3PF3AT1	
48 Vdc	3PDT	1,800	D3PF3AW1	
Plain Cover St	yle			
120 Vac	DPDT	1,700	D3PR2A	
110/125 Vdc	DPDT	10,000	D3PR2A1	
220/240 Vac	DPDT	7,200	D3PR2B	
6 Vac	DPDT	4.2	D3PR2P	

Coil Voltage	Contact Configuration	Coil Resistance (Ohms)	Catalog Number	
Plain Cover Style, continued				
6 Vdc	DPDT	32	D3PR2P1	
12 Vac	DPDT	18	D3PR2R	
12 Vdc	DPDT	120	D3PR2R1	
24 Vac	DPDT	72	D3PR2T	
24 Vdc	DPDT	470	D3PR2T1	
48 Vac	DPDT	290	D3PR2W	
48 Vdc	DPDT	1,800	D3PR2W1	
120 Vac	3PDT	1,700	D3PR3A	
110/125 Vdc	3PDT	10,000	D3PR3A1	
220/240 Vac	3PDT	7,200	D3PR3B	
12 Vac	3PDT	18	D3PR3R	
12 Vdc	3PDT	120	D3PR3R1	
24 Vac	3PDT	72	D3PR3T	
24 Vdc	3PDT	470	D3PR3T1	
48 Vdc	3PDT	1,800	D3PR3W1	

# **Accessories**

#### **D2PF/D2PR Sockets and Accessories**

Туре	Standard Pack	Catalog Number
Socket	1	D3PA6 ①
Socket	10	D3PAL8 ①
Socket	10	D3PA2
Socket	1	D3PA7 ①
Socket	10	D3PAL11 ①
Socket	10	D3PA3
Metal spring clip	25	PQC-1332
Metal spring clip	10	PQC-1351

## Note

① Protection category (finger safe) EN 60529 IP20.