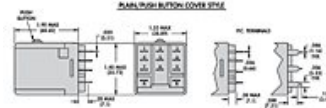


Item # 389FXCXC-24D, 389 & 389F Power Relays / 3PDT, 20 Amp Rating (DC)



[Specifications](#) · [Contact Characteristics](#) · [Coil Characteristics](#) · [Performance Characteristics](#) · [Environment](#) · [Product Certifications](#)

Specifications

Check Inventory	Check Distributor Inventory
Status	Standard
Cover Style	Plug-In Cover
Options	Flag Indicator
Horsepower Rating	0.5 hp at 120 VAC 50/60 Hz 0.5 hp at 208-240 VAC 50/60 Hz

Contact Characteristics

Contact Rating	20 A
Contact Configuration	3PDT
Contact Materials	Silver Alloy
Maximum Switching Voltage (V)	300 V
Switching Current at Voltage (AC, Resistive)	20 at 150 VAC 50/60 Hz
Switching Current at Voltage (DC, Resistive)	13 A at 28 VDC
Switching Current at Voltage (Pilot Duty)	B300
Minimum Switching Requirement	100 mA at 5 VDC (0.5 W)

Coil Characteristics

Nominal Input Voltage	24 VDC
Coil Resistance (Ohms)	400 Ohm
Operating Range - % of Nominal (AC)	85 to 110 %
Operating Range - % of Nominal (DC)	80 to 110 %
Average Consumption (AC / VA)	3.50 VA
Average Consumption (DC / W)	1.50 W
Drop-out Voltage Threshold (DC)	10 %
Drop-out Voltage Threshold (AC)	10 %

Performance Characteristics

Electrical Life (UL508), Operations at Rated Current (Resistive)	50000
Mechanical Life, Unpowered	5000000
Operating Time (Response Time)	20 ms
Dielectric Strength - Between Coil and Contact	2200 VAC (rms)
Dielectric Strength - Between Poles	2200 VAC (rms)

Environment

Ambient Air Temperature around the Device - Storage	-30 to +100 çC
Ambient Air Temperature around the Device - Operation	-30 to +55 çC

Product Certifications

Agency Approvals	UL (E43641) CSA (168986) CE (per IEC 60947-1) RoHS
-------------------------	---