



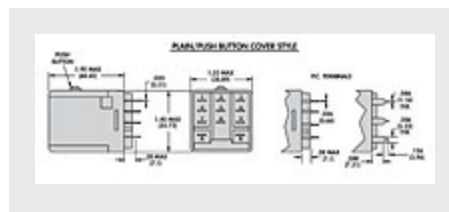
Schneider Electric Relays

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ITEM # 389FXHXC1-24D, 389 & 389F POWER RELAYS / SPDT-DM-DB, 30 AMP RATING (DC)



[SPECIFICATIONS](#) | [CONTACT CHARACTERISTICS](#) | [COIL CHARACTERISTICS](#) | [PERFORMANCE CHARACTERISTICS](#) | [ENVIRONMENT](#) | [PRODUCT CERTIFICATIONS](#)

Specifications		—
Check Inventory	Check Distributor Inventory	
Status	Standard	
Legacy Part No.	W389DZCX-3	
Cover Style	Flange Cover	
Weight	84 g 3 oz	
Options	Flag Indicator	
Horsepower Rating	1 HP at 120-200 VAC 50/60 Hz 1.5 HP at 200-600 VAC 50/60 Hz	

Contact Characteristics		—
Contact Rating	30 A	
Contact Configuration	SPDT-DM-DB	

Contact Materials	Silver Alloy
Maximum Switching Voltage (V)	600 V
Switching Current at Voltage (AC, Resistive)	10 A at 600 VAC 50/60 Hz 30 A at 300 VAC 50/60 Hz
Switching Current at Voltage (DC, Resistive)	30 A at 28 VDC
Switching Current at Voltage (Pilot Duty)	A600
Minimum Switching Requirement	100 mA at 5 VDC

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)	1.44 W
Drop-out Voltage Threshold (DC)	10 %
Drop-out Voltage Threshold (AC)	10 %

Performance Characteristics

Electrical Life (UL508), Operations at Rated Current (Resistive)	100000 cycles (IEC AC-1) 50000 cycles (IEC DC-1)
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 +85 °C
Ambient Air Temperature around the Device - Operation	-30 to +55 °C

Product Certifications



Agency Approvals

CSA (File: 044087 Class: 3211-07)
CE (per IEC 60947)
UL (E164862)
RoHs