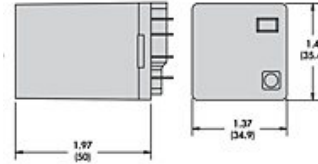


Item # 788XBX69C-24D, 788 Power Relays / DPDT, 16 Amp Rating



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

Specifications

Check Inventory	Check Distributor Inventory
Status	Obsolete
Legacy Part No.	283XBX69C-24D
Alternative Part No.	Transition to 788XBXR69C-24D
Terminal Style	Plug-in
Contact Configuration	DPDT
Thermal (Carrying) Current	12 A
Coil Resistance (Ohms)	470 Ohm
Load Type	Standard
Contact Materials	Silver Alloy
Maximum Switching Voltage (V)	300 V
Switching Current at Voltage (AC, Resistive)	12 A at 120 V 50/60 Hz 16 A at 277 V 50/60 Hz
Switching Current at Voltage (DC, Resistive)	16 A at 28 V
Switching Current at Voltage (HP)	1/2 at 240 VAC hp 1/3 at 120 VAC hp
Pilot Duty	B300
Current Rating with Magnetic Blowout - Code 69	3 A at 150 VDC
Minimum Switching Requirement	100 mA at 5 VDC (0.5 W)
Cover Options	Plain Cover
Features	LED, Blow-out magnet, Mechanical flag indicator

Coil Characteristics

Coil Voltage	24 VDC
Operating Range - % of Nominal (AC)	85 to 110 %

Operating Range - % of Nominal (DC)	80 to 110 %
Average Consumption (AC / VA)	3 VA
Average Consumption (DC / W)	1.40 W
Drop-out Voltage Threshold (AC)	15 %
Drop-out Voltage Threshold (DC)	10 %

Performance Characteristics

Electrical Life (UL508), Operations at Rated Current (Resistive)	100000
Mechanical Life, Unpowered	5000000
Operating Time (Response Time)	20 ms
Dielectric Strength - Between Coil and Contact (AC)	2500 V(rms)
Dielectric Strength - Between Poles (AC)	2500 V(rms)

Environment

Ambient Air Temperature around the Device - Storage	-40 to +85 C
Ambient Air Temperature around the Device - Operation	-40 to +55 C
Vibration Resistance - Operational	3 g-n at 10-55 Hz
Shock Resistance	10 g-n
Degree of Protection	IP 40

Product Certifications

Agency Approvals	CSA (LR40787) UL (E43641) CE RoHS
-------------------------	--------------------------------------------