



Schneider Electric Relays

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ITEM # 725AXXSC3ML-24D, 725 POWER RELAYS / SPST-NO, 30 AMP RATING (DC)

Note that image may not be exact representation of part number.



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Specifications

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Status

Standard

Cover Style

DIN & Flange Cover

Weight

120 g
4.20 oz

Options

LED
Push Button

Horsepower Rating

3 hp at 277 VAC 50/60 Hz, 1.5 hp at 120 VAC 50/60 Hz

Tungsten Rating

1.5 kW at 120 VAC 50/60 Hz

Terminal Style

Screw: Coil - M3.5 combination head; Contacts - M4 combination head

Protection Category (Finger Safe)

IP 20

Contact Characteristics

Contact Rating	30 A
Contact Configuration	SPST-NO
Contact Materials	Silver Alloy
Maximum Switching Voltage (V)	300 V
Switching Current at Voltage (AC, Resistive)	30 A at 277 VAC 50/60 Hz
Switching Current at Voltage (DC, Resistive)	30 A at 30 VDC
Minimum Switching Requirement	100 mA at 5 VDC (0.5 W)

Coil Characteristics

Nominal Input Voltage	24 VDC
Coil Resistance (Ohms)	275 Ohm
Operating Range - % of Nominal (AC)	75 to 110 %
Operating Range - % of Nominal (DC)	75 to 110 %
Average Consumption (AC / VA)	2.50 VA
Average Consumption (DC / W)	1.90 W

Performance Characteristics

Electrical Life (UL508), Operations at Rated Current (Resistive)	100000
Mechanical Life, Unpowered	5000000
Operating Time (Response Time)	30 ms
Dielectric Strength - Between Coil and Contact	4000 VAC (rms)
Dielectric Strength - Between Poles	2000 VAC (rms)

Environment

Ambient Air Temperature around the Device - Storage	-50 to +100 °C
Ambient Air Temperature around the Device - Operation	-20 to +55 °C
Connection	Load: 10 / Coil: 12 AWG Load: 5.26 / Coil: 3.3 mm_

Terminal Tightening Torque

Nominal: 10.6 / Max: 20.3 in lb
Nominal: 1.2 / Max: 2.3 N_m

Product Certifications



Agency Approvals

UL (E43641)
CSA (168986)
CE (per IEC 60947-1)
RoHs