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Data Sheet

August 13, 2026

SCHNEIDER ELECTRIC / MAGNECRAFT

Schneider Electric / MagneCraft W389ACX-9 25 Amp Flange Mount Power Relay

Magnecraft W389ACX-9 389F Series 25 Amp Flange Mount Power Relay The Magnecraft W389ACX-9 is a 389(F) series flange-mount general-purpose power relay. Listings specify DPDT contacts, 25 A, 110/120 VAC 50/60 Hz coil, 1700 ohm nominal coil, and quick-connect/screw terminals. The 389F family offers SPST to 3PDT, 20 to 30 A, 600 V spacing, silver-alloy contacts, and plug-in or side-flange covers. Successor-style catalog numbers use 389FXBXC1 120A class coding. Panel power switching; ballast/lighting; motor and resistive loads within 389F ratings; flange-mount replacement of W389ACX-9 / 389ACX-9. The Magnecraft W389ACX-9 is a 389(F) series flange-mount general-purpose power relay. Listings specify DPDT contacts, 25 A, 110/120 VAC 50/60 Hz coil, 1700 ohm nominal coil, and quick-connect/screw terminals. The 389F family offers SPST to 3PDT, 20 to 30 A, 600 V spacing, silver-alloy contacts, and plug-in or side-flange covers. Successor-style catalog numbers use 389FXBXC1 120A class coding. Panel power switching; ballast/lighting; motor and resistive loads within 389F ratings; flange-mount replacement of W389ACX-9 / 389ACX-9.



MODEL

**Schneider Electric
/ MagneCraft
W389ACX-9**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

W389ACX-9

LISTING

<https://aumictechlabs.com/products/w389acx-9-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Schneider Electric / MagneCraft W389ACX-9 is a 25 Amp flange mount power relay engineered for industrial and commercial switching applications requiring reliable DPDT contact performance. Rated for 120 VAC coil operation with 1700 Ω coil resistance, this relay delivers flexible voltage and current handling across AC and DC circuits. The 8-pin blade terminal design supports quick-connect installation in panel-mount configurations. Silver-contact construction with 600 Volt spacing and oversized current-carrying parts ensures durability in demanding environments.

Technical Specifications

Contact Configuration: DPDT (Double Pole Double Throw)

Coil Voltage: 120 VAC nominal; 120 V AC maximum

Coil Resistance: 1700 Ω

Contact Current Rating: 25 A maximum

AC Contact Voltage: 300 V nominal; 600 V maximum

DC Contact Voltage: 28 V nominal

AC Current Ratings: 25 A @ 300 VAC; 5 A @ 600 VAC

DC Current Ratings: 20 A @ 15 VDC; 13 A @ 28 VDC

Horsepower Rating: 1 HP @ 120/480/600 VAC; 1.5 HP @ 208/240 VAC

Pilot Duty Rating: B600 (50/60 Hz)

Ballast Rating: 20 A @ 277 VAC

Dimensions: 38.8 × 35.5 × 73.8 mm

Contact Material: Silver

Operating Temperature Range: -30 °C to +65 °C

RoHS Compliant: Yes

Key Features

Flange (panel) mount design for fixed installation

8-pin blade quick-connect terminals

Oversized current-carrying components rated to 600 V spacing

Wide AC/DC voltage and current capability

Compact footprint for space-constrained layouts

Typical Applications

Motor control circuits, HVAC switching, industrial power distribution, lighting load control, and general-purpose switching in control cabinets and enclosures.

Compatibility & Integration

Part of the Schneider Electric / MagneCraft 389(F) Series, Class 389. Blade terminal design enables direct integration into standard relay sockets and panel wiring harnesses.

Features & description

From manufacturer datasheet

Features

- 389F flange-mount power relay, 25 A class DPDT • Coil 110/120 VAC, 1700 ohm nominal • Silver alloy contacts; 600 V spacing family • Quick-connect / screw terminals; side flange cover • UL, CSA, CE, RoHS on 389F family • Operate 20 ms; mechanical life 5 million operations (family)

W389ACX Characteristics / Specifications

PARAMETER	VALUE
Model	W389ACX-9
Manufacturer	Magnecraft / Schneider Electric
Instrument Type	Flange Mount Power Relay
Series	389F / 389(F)
Alias	W389ACX-9; 389ACX-9; 298XBXC1-120A (one listing)
Contact Form Listing	DPDT
Contact Current Rating	25 A
Coil Voltage Listing	110/120 VAC 50/60 Hz
Coil Resistance	1700 ohm nominal
Contact Material	silver alloy
Mounting	panel / side flange
Termination	quick connect / screw
Thermal Current 389FXAX BXX XBX	25 A
Maximum Switching Voltage 389FXAX Family	600 V
Resistive Rating Family DPDT 25 A	25 A at 300 VAC 50/60 Hz; 13 A at 28 VDC (389F table)
Ballast Family 25 A Class	20 A at 277 VAC 50/60 Hz (XAX/BXX/XBX column)
Minimum Switching Requirement Family	100 mA at 5 Vdc
Coil Operating Range AC Family	85 to 110 percent of nominal
Average Consumption Family	2 VA (AC); 1.5 W (DC)
Drop Out Threshold Family	10 percent minimum AC/DC
Electrical Life Family	100000 operations IEC AC-1; 50000 IEC DC-1
Mechanical Life Family	5000000 operations unpowered
Operate Time Family	20 ms at nominal coil voltage
Dielectric Coil To Contact Family	2200 Vac
Dielectric Between Poles Family	2200 Vac

PARAMETER	VALUE
Dielectric Between Contacts Family	1600 Vac
Operating Temperature Family	-30 to +55 C
Storage Temperature Family	-30 C class (family table)
Weight Average Family	84 g (3.0 oz)
Cover Style C	side flange mount
Coil Code 120A	120 Vac
Contact Arrangement XBX	DPDT
Certifications Family	UL E164862, CE IEC 60947, CSA, RoHS
Motor Rating Family 25 A Class	1.5 hp at 200 to 240 Vac cited on 389F high-power columns (confirm pole style) Notes Specs from Magnecraft 389F power-relay datasheets and W389ACX-9 listings (DPDT, 25 A, 120 Vac, 1700 ohm). One distributor row incorrectly shows 9 V coil; 110/120 VAC is the consistent listing. Confirm DPDT versus SPDT cover and 120 Vac coil on the nameplate.
Storage temperature	Family: -30 C class (family table)
Operating temperature	Family: -30 to +55 C

General Specifications & Supplementary Characteristics

PARAMETER	VALUE
Storage temperature	Family: -30 C class (family table)
Operating temperature	Family: -30 to +55 C
Operating Temperature	Family: -30 to +55 C
Operating Temperature Family	-30 to +55 C
Storage Temperature Family	-30 C class (family table)
Weight Average Family	84 g (3.0 oz)
Cover Style C	side flange mount
Coil Code 120A	120 Vac
Contact Arrangement XBX	DPDT
Certifications Family	UL E164862, CE IEC 60947, CSA, RoHS
Motor Rating Family 25 A Class	1.5 hp at 200 to 240 Vac cited on 389F high-power columns (confirm pole style) Notes Specs from Magnecraft 389F power-relay datasheets and W389ACX-9 listings (DPDT, 25 A, 120 Vac, 1700 ohm). One distributor row incorrectly shows 9 V coil; 110/120 VAC is the consistent listing. Confirm DPDT versus SPDT cover and 120 Vac coil on the nameplate.

Full OEM specifications

Complete technical content extracted from the manufacturer datasheet. Sparse OEM tables are reconstructed as tables below; other text is preserved as paragraphs.

Specifications	
Specifications	
PARAMETER	VALUE
Model	W389ACX-9
Manufacturer	Magnecraft / Schneider Electric
Instrument Type	Flange Mount Power Relay
Series	389F / 389(F)
Alias	W389ACX-9; 389ACX-9; 298XBXc1-120A (one listing)
Contact Form Listing	DPDT
Contact Current Rating	25 A
Coil Voltage Listing	110/120 VAC 50/60 Hz
Coil Resistance	1700 ohm nominal
Contact Material	silver alloy
Mounting	panel / side flange
Termination	quick connect / screw
Thermal Current 389FXAX BXX XBX	25 A
Maximum Switching Voltage 389FXAX Family	600 V
Resistive Rating Family DPDT 25 A	25 A at 300 VAC 50/60 Hz; 13 A at 28 VDC (389F table)
Ballast Family 25 A Class	20 A at 277 VAC 50/60 Hz (XAX/BXX/XBX column)
Minimum Switching Requirement Family	100 mA at 5 Vdc
Coil Operating Range AC Family	85 to 110 percent of nominal
Average Consumption Family	2 VA (AC); 1.5 W (DC)
Drop Out Threshold Family	10 percent minimum AC/DC
Electrical Life Family	100000 operations IEC AC-1; 50000 IEC DC-1
Mechanical Life Family	5000000 operations unpowered
Operate Time Family	20 ms at nominal coil voltage
Dielectric Coil To Contact Family	2200 Vac
Dielectric Between Poles Family	2200 Vac
Dielectric Between Contacts Family	1600 Vac

PARAMETER	VALUE
Operating Temperature Family	-30 to +55 C
Storage Temperature Family	-30 C class (family table)
Weight Average Family	84 g (3.0 oz)
Cover Style C1	side flange mount
Coil Code 120A	120 Vac
Contact Arrangement XBX	DPDT
Certifications Family	UL E164862, CE IEC 60947, CSA, RoHS
Motor Rating Family 25 A Class	1.5 hp at 200 to 240 Vac cited on 389F high-power columns (confirm pole style)

Notes

Specs from Magnecraft 389F power-relay datasheets and W389ACX-9 listings (DPDT, 25 A, 120 Vac, 1700 ohm). One distributor row incorrectly shows 9 V coil; 110/120 VAC is the consistent listing. Confirm DPDT versus SPDT cover and 120 Vac coil on the nameplate.

Available from Aumictech

Used and refurbished unit evaluated in-house. Calibration: Available on request. Used · In stock.

Request a quote: sales@aumictech.com · +1 (484) 841-9341

Aumictech

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NIST-traceable calibration · SAM registered ·
30-day returns
NAICS 423690 · 811210 · 541380
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Technical content from manufacturer specifications. Unit photo/stock from Aumictech listing when available. Specifications subject to OEM documentation and unit condition.