

# Product data sheet

Specifications



## General purpose relay, SE Relays, 788R, DPDT, 10A, 120 VAC, Quick terminal, clear cover, magnetic blowout

788XBR69C-120A

**Product availability: Stock - Normally stocked in distribution facility**

### Main

Product Type	Plug-in electromechanical relay
Rated Line Current	10 A
Switch Function	DPDT
Contact Composition	2 NC + 2 NO
Contact Blow-out Type	Magnetic

### Complementary

Rated Operational Current	10 A at 277 V AC (on resistive load) conforming to UL 10 A at 30 V DC (on resistive load) conforming to UL 10 A at 250 V AC-1 (1 NO) (on resistive load) conforming to IEC 10 A at 28 V DC-1 (1 NO) (on resistive load) conforming to IEC 5 A at 250 V AC-1 (1 NC) (on resistive load) conforming to IEC 5 A at 28 V DC-1 (1 NC) (on resistive load) conforming to IEC
[Ue] rated operational voltage	120 V AC
Maximum Switching Voltage	300 V UL 300 V CSA 250 V IEC
Mounting Support	plug-in
Local Signalling	Flag Cover
Contacts Material	Silver alloy, gold flashed
Rated Power in HP	0.33 HP 120 V AC 1 HP 277 V AC
Connections Terminals	blade terminal
Control Circuit Voltage Limits	0.85...1.1 Un AC
Resistance	1700 Ohm
Average Consumption	3 VA
Vibration Resistance	+/- 1 mm 10...35 Hz in operation 3 gn 35...150 Hz in operation
Operating Time	20 ms
Drop-out Voltage Threshold	$\geq 0.15 U_c$ AC $\geq 0.1 U_c$ DC
Minimum Switching Current	10 mA 17 V DC
Product Weight	2.9 oz (83 g)
Height	2.0 in (50 mm)
Width	1.4 in (35 mm)

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

---

Depth	1.4 in (35.5 mm)
-------	------------------

## Environment

---

Shock Resistance	10 gn
------------------	-------

---

Ambient Air Temperature for Operation	-40...131 °F (-40...55 °C)
---------------------------------------	----------------------------

---

Ambient Air Temperature for Storage	-40...185 °F (-40...85 °C)
-------------------------------------	----------------------------

---

Product Certifications	UL CSA CE EAC
------------------------	------------------------

---

Dielectric Strength	2500 V AC between coil and contact 2000 V AC between poles 1500 V AC between contacts
---------------------	---

---

Electrical Durability	100000 cycles
-----------------------	---------------

---

Mechanical Durability	5000000 cycles
-----------------------	----------------

---

IP Degree of Protection	IP40
-------------------------	------

## Ordering and shipping details

---

Category	US10CP221127
----------	--------------

---

Discount Schedule	0CP2
-------------------	------

---

GTIN	3606480779787
------	---------------

---

Returnability	Yes
---------------	-----

---

Country of origin	CN
-------------------	----

## Packing Units

---

Unit Type of Package 1	PCE
------------------------	-----

---

Nbr. of units in pkg.	1
-----------------------	---

---

Package 1 Height	1.41 in (3.57 cm)
------------------	-------------------

---

Package 1 Width	1.4 in (3.5 cm)
-----------------	-----------------

---

Package 1 Length	2.0 in (5 cm)
------------------	---------------

---

Package weight(Lbs)	2.9 oz (83 g)
---------------------	---------------

## Contractual warranty

---

Warranty (in months)	18
----------------------	----



## Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)



### Environmental footprint

[Environmental Disclosure](#)

[Product Environmental Profile](#)

## Use Better



### Materials and Substances

Packaging made with recycled cardboard

Yes

Packaging without single use plastic

Yes

[EU RoHS Directive](#)

Pro-active compliance (Product out of EU RoHS legal scope)

REACH Regulation

[REACH Declaration](#)

California proposition 65

WARNING: This product can expose you to chemicals including: Nickel compounds, which is known to the State of California to cause cancer, and Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

## Use Longer



### Lifetime extension

Repair

No

## Use Again



### Repack and remanufacture

[Circularity Profile](#)

[End of Life Information](#)

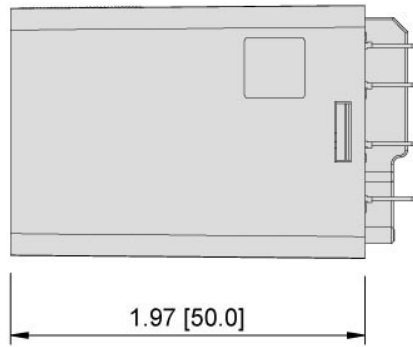
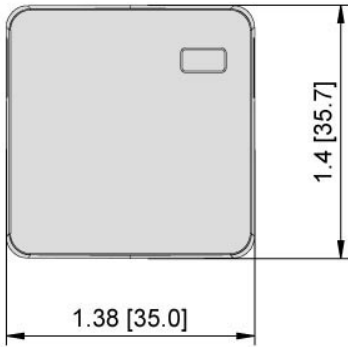
Take-back

No

Dimensions Drawings

Approximate Dimensions

---



Connections and Schema

Connections and Wiring Diagrams

---

