

# 199ABX-9

Power relay, Legacy, DPST, 40A, 120 VAC, magnetic blowout, open type



## Main

Product type	Power relay
Switch function	DPST-NO
Contact composition	1 NO
Contact blow-out type	Magnetic
Cover type	Open cover

## Complementary

Input current	40 A
Contacts material	Silver alloy contacts
[Ue] rated operational voltage	6...600 V AC 50...60 Hz 6...250 V DC
Minimum switching current	1000 mA 5 V AC/DC
Coil Resistance	290 Ohm
Input voltage	120 V AC
Drop-out voltage threshold	$\geq 0.1 U_c$ AC/DC
[Ie] rated operational current	40 A 300 V AC on resistive load)UL 40 A 28 V DC on resistive load)UL 20 A 110 V DC on resistive load)UL 8 A 220 V DC on resistive load)UL 4 A 325 V DC on resistive load)UL 2 A 500 V DC on resistive load)UL
Average coil consumption in VA	10 AC 50/60 Hz 4 DC
Voltage range	0.85...1.1 $U_n$ AC/DC
Maximum switching voltage	600 V AC
Maximum Horse Power Rating	2 hp 120...600 V AC 50/60 Hz
Connections - terminals	Screw terminal
Wire range	AWG 14
Terminal tightening torque	10.62...15.05 lbf.in (1.2...1.7 N.m)





## Environment

Ambient temperature range - operational	-67...131 °F (-55...55 °C)
Ambient air temperature for storage	-67...212 °F (-55...100 °C)
Product certifications	UL Listed CSA CE RoHS
Electrical durability	50000 cycles resistive
Dielectric strength	2200 V AC between coil and contact 2200 V AC between poles 1500 V AC between open contacts

## Ordering and shipping details

GTIN	03606481104120
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Offer Sustainability

EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)  <a href="#">EU RoHS Declaration</a>
Toxic heavy metal free	Yes
Mercury free	Yes
RoHS exemption information	 <a href="#">Yes</a>
China RoHS Regulation	 <a href="#">China RoHS Declaration</a>
Environmental Disclosure	 <a href="#">Product Environmental Profile</a>
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.