



Main

Product type	Power relay
Switch function	SPST-NO-DM
Contact composition	1 NO
Cover type	Open cover

Complementary

Input current	50 A
Contacts material	Silver alloy contacts
Contact operation	Double action
[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	12 Ohm
Input voltage	24 V AC
Drop-out voltage threshold	$\geq 0.1 U_c$ AC/DC
[Ie] rated operational current	50 A 300 V AC on resistive load)UL 50 A 28 V DC on resistive load)UL 12 A 480 V DC on resistive load)UL 10 A 600 V DC on resistive load)UL 15 A 120 V AC tungsten filament)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	25000 Cycles resistive 20000 cycles tungsten
Dielectric strength	2200 V AC between coil and contact

Ordering and shipping details

GTIN	03606481104304
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Offer Sustainability

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