

Main

Product Range	Legacy
Product Type	Power relay
Switch Function	DPDT
Contact Composition	2 C/O

Complementary

Input Current	30 A NO 3 A NC
Contacts Material	Silver alloy contacts
Maximum Switching Capacity	7500 VA/700 W AC/DC 13 mm gap between two relays 6250 VA/700 W AC/DC relays side by side without a gap
Minimum Switching Capacity	170 mW 10 mA / 6 V NC 6000 mW 500 mA / 12 V NO
Coil Resistance	350 Ohm
Input Voltage	24 V DC
Drop-out Voltage Threshold	$\geq 0.1 U_c$ DC $\geq 0.15 U_c$ AC
Rated Operational Current	30 A 277 V AC NO)UL 20 A 28 V DC NO)on resistive load)UL 110 A 240 V AC NO)full load)UL 10 A 120 V AC NO)tungsten filament)UL 6 A 250 V AC NO)tungsten filament)UL 3 A 277 V AC NC)on resistive load)UL 3 A 28 V DC NC)on resistive load)UL 30 A 250 V AC-1 NO)IEC 25 A 28 V DC-1 NO)IEC 3 A 250 V AC-1 NC)IEC 3 A 28 V DC-1 NC)IEC
Power consumption in W	1.36...1.87 W DC
Voltage Range	0.8...1.1 U_n AC/DC
Maximum Switching Voltage	300 V AC/DC UL 250 V AC/DC IEC
Motor Power HP	1.0 Hp 120 V AC 50/60 Hz 3 hp 240 V AC 50/60 Hz
Electrical Insulation Class	Class F coil
Mounting	DIN rail Panel mounted
Product Weight	2.89 oz (82 g)

Environment

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 Listed CSA CE
Electrical Durability	100000 Cycles resistive 25000 cycles tungsten
Mechanical Durability	5000000 cycles
Dielectric Strength	4000 V AC between coil and contact 1500 V AC between contacts 2000 V AC between poles
Shock Resistance	10 gn in operation 30 gn not in operation
Vibration Resistance	+/- 1 mm (f = 10...35 Hz) 3 gn (f = 35...150 Hz)
Surge Withstand Duration	1.2/50 µs

Ordering and shipping details

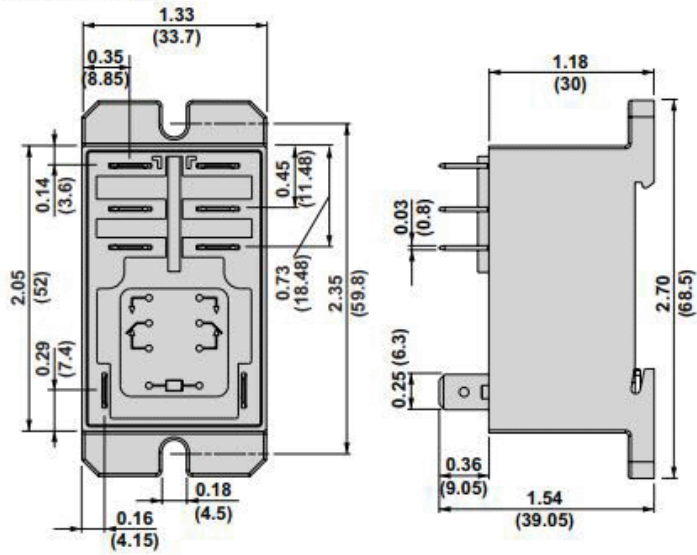
GTIN	03606480781872
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Offer Sustainability

Sustainable offer status	Green Premium product
California proposition 65	WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov
REACH Regulation	REACH Declaration
REACH free of SVHC	Yes
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.

Approximate Dimensions

DPDT (2 CO):



Connections and Wiring Diagrams

DPDT (2 CO):

