

276AXXH-5D

Power relay, Legacy, SPST-NO, 40A, 5 VDC, epoxy sealed



Main

Product type	Power relay
Switch function	SPST
Contact composition	1 NO

Complementary

Input current	10 A
Contacts material	Silver alloy contacts
Minimum switching current	100 mA
Coil Resistance	125 Ohm
Input voltage	5 V DC
Drop-out voltage threshold	$\geq 0.1 U_c$ DC
[I _e] rated operational current	10 A 240 V AC 10 A 30 V DC
Average coil consumption in VA	0.2 DC
Voltage range	0.8...1.1 U _n DC
Maximum Horse Power Rating	0.1 hp 120 V DC
Connections - terminals	Pins for printed circuit board
Protective treatment	Epoxy powder coat
Electrical insulation class	Class E
Mounting	Printed circuit boards
Height	0.39 in (10 mm)
Width	0.50 in (12.7 mm)
Depth	0.81 in (20.49 mm)
Net Weight	0.19 oz (5.5 g)
Operating time	10 ms

Environment

Ambient temperature range - operational	-40...158 °F (-40...70 °C)
Ambient air temperature for storage	-40...185 °F (-40...85 °C)
Product certifications	UL
Electrical durability	100000 cycles
Mechanical durability	5000000 cycles
Dielectric strength	2000 V AC between coil and contact 1000 V AC between contacts
Shock resistance	20 gn in operation
Vibration resistance	1.5 gn 10...55 Hz)in operation

Ordering and shipping details

GTIN	03606480276187
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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
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.