

Product Datasheet

Characteristic

750XBXH-12D

Power relay, Legacy, 12A, DPDT, 12 VDC, hermetically sealed contacts, hazardous location series



Main

product or component type	Relay
switch function	DPDT
contacts type and composition	2 NC + 2 NO

Complementary

input current	12 A
contacts material	Silver alloy contacts
minimum switching current	100 mA 5 V
input resistance	120 Ohm
input voltage	12 V DC
drop-out voltage threshold	$\geq 0.15 U_c$ AC $\geq 0.1 U_c$ DC
[I _e] rated operational current	12 A 120 V AC UL 12 A 240 V AC UL 12 A 28 V DC UL
voltage range	0.8...1.1 U _n AC/DC
maximum switching voltage	300 V
Maximum Horse Power Rating	0.5 hp 240 V AC 50/60 Hz 0.33 hp 120 V AC 50/60 Hz
connections - terminals	octal terminal 8 pins)
protective treatment	Epoxy powder coat
mounting support	Socket
height	2.07 in (52.5 mm)
width	1.44 in (36.5 mm)
depth	1.62 in (41.2 mm)
Net Weight	4.59 oz (130 g)
operating time	20 ms

Environment

ambient air temperature for operation	-40...131 °F (-40...55 °C)
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ambient air temperature for storage	-40...185 °F (-40...85 °C)
product certifications	UL CSA
electrical durability	100000 cycles resistive
mechanical durability	10000000 cycles
IP degree of protection	IP67
dielectric strength	1600 V AC between coil and contact 1600 V AC between poles 1500 V AC between open contacts
shock resistance	10 gn
vibration resistance	3 gn 35...150 Hz)operating +/- 1 mm 10...35 Hz)operating 6 gn 35...150 Hz)not operating +/- 1 mm 10...35 Hz)not operating

Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	Free of Substances of Very High Concern above the threshold
REACH free of SVHC	Yes
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)
Toxic heavy metal free	Yes
Mercury free	Yes
RoHS exemption information	Yes
China RoHS Regulation	X
Environmental Disclosure	ENVPEP1406038EN
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.