

Product overview

AX-DTS-B drip tray switches are simple to install, easy to service and extremely reliable. The device is essentially a reed switch with a permanent magnet mounted onto the float.

It finds its application in air conditioners, commercial and residential HVAC systems, condensate drain pans, heating systems, ventilation systems, refrigeration equipment etc.



Products Features

- No external power required
- Low profile design
- Simple and reliable sensing and actuation
- Comes with 6 feet cable and mounting bracket

Product Specifications

Materials

Float material:	Polypropylene, White
Housing and retainer ring material:	Polypropylene, Black
Bracket material:	22 GA, 304 2B Stainless steel
O-ring material	Silicone

Electrical characteristics

Power rating (max):	50VA
Switching voltage:	200VDC, 150VAC
Breakdown voltage (min):	250VDC
Contact arrangement:	SPST Normally Closed
Switching current (max):	1.5A AC/DC
Carry current (max)	2.5A AC/DC
Contact resistance	100mOhms
Insulation resistance (min):	10 ¹² Ohms
Operating temperature:	0-70°C
Storage temperature:	0-105 °C
Approvals:	CE, Conforms to UL508
Country of origin:	United States of America

Product Order Code

AX-DTS-B Drip tray switch

Installation

The AX-DTS-B should be installed by a suitably qualified technician in accordance with prevailing regulations and any guidelines for the equipment to which it is to be connected. Damages caused to the switch due to improper installation or not adhering to the product specifications will not be covered under warranty.

- Slide bracket clip over the side of drip tray.
- Secure the bracket with tape if necessary.
- Adjust the thread position to set the sensor activation height.

Operation

The contacts will be normally closed when the float is resting on the retainer ring. As the water level increases, the float rises with it. At approximately 0.56 inches from the retainer, the float will actuate the switch state from closed to open. The level at which the switch is activated may be adjusted using the two adjustment nuts on the sensor.

Datasheet Contents

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Dimensions

