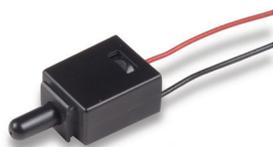


# KDS Series Intrusion Switches



## Features/Benefits

- Slot mount into chassis to reduce installation cost
- Wire harness length & connector easily customized
- Available in N.O. or N.C. configuration
- RoHS compliant

## Typical Applications

- Intrusion/Alarm switch in network desktop PC
- Intrusion/Alarm switch in telecommunication equipment
- Intrusion/Alarm switch in cellular base station

## Specifications

CONTACT RATING: 0.4 VA max. @ 20 V AC or DC.

MECHANICAL & ELECTRICAL LIFE: 10,000 actuations min. at full load.

CONTACT RESISTANCE: 200 m  $\Omega$  max. initial @ 2-4 V DC, 100mA.

INSULATION RESISTANCE: 10<sup>9</sup>  $\Omega$  min.

OPERATING TEMPERATURE: -40°C to +85°C

TRAVEL: KDS11: Travel to make from 1.9 mm to 5.9 mm\*  
KDS33: No pre-travel, full travel 0.403"

DIELECTRIC STRENGTH: 500 Vrms min. @ sea level.

PACKAGING: Bulk packaging.

## Materials

HOUSING: Nylon 6/6 (UL 94V-0)

ACTUATOR: Nylon 6/6 (UL 94V-0)

MOVABLE CONTACT: Copper alloy, gold plate over nickel plate.

FIXED CONTACT: Brass, gold plate over nickel plate.

WIRE: UL 1061-24 AWG.

**NOTE:** Specifications and materials listed above are for switches with standard options. For information on specific and custom switches, consult Customer Service Center.

\* For information

## How To Order

Part number list is shown below. For individual part details, please refer to the following pages.

Part Number (Part Description)	Product Details
KDS11	Intrusion switches normally open
KDS33	Intrusion switches normally close



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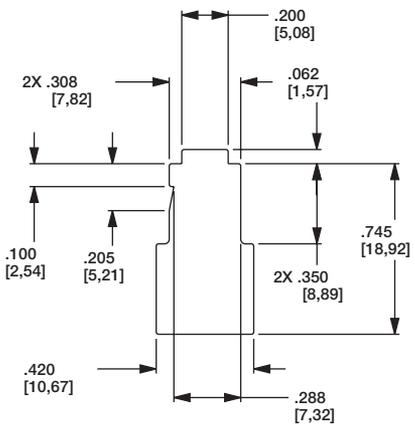
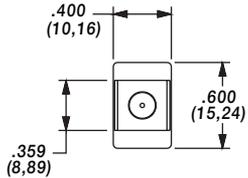
Detect

# KDS Series Intrusion Switches

PART NUMBER	SWITCH FUNCTION		SCHEMATIC
	POS. 1	POS. 2	
<b>KDS11</b>	OFF	MOM.	SPST N.O.
<b>KDS33</b>	ON	OFF	SPST N.C.



**KDS33**



PANEL CUT-OUT  
THICKNESS 1,02

