KDS Series
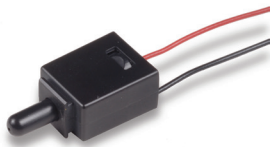# Intrusion Switches

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 Ω max. initial @ 2-4 V DC, 100mA.

INSULATION RESISTANCE: 10^9 Ω min.

OPERATING TEMPERATURE: –40ºC to +85ºC

TRAVEL: KDS11: Pre-travel 0.180" TYP; Overtravel 0.223"
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.
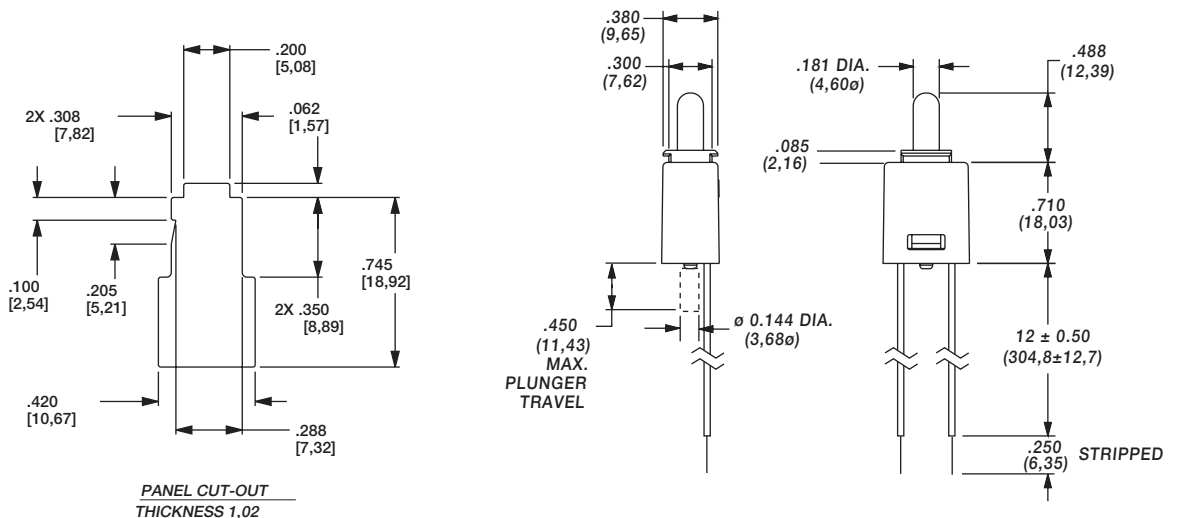
How To Order

Complete part numbers for KDS Series Switches are shown below.

KDS33

| PART NUMBER | SWITCH FUNCTION | | SCHEMATIC |
	POS. 1	POS. 2	
KDS11	OFF	MOM.	SPST N.O.
KDS33	ON	OFF	SPST N.C.

.400 (10,16)

.600 (15,24)

.359 (8,89)

.200 [5,08]

.062 [1,57]

2X .308 [7,82]

.100 [2,54]

.205 [5,21]

.745 [18,92]

2X .350 [8,89]

.420 [10,67]

.288 [7,32]

PANEL CUT-OUT
THICKNESS 1,02

.380 (9,65)

.300 (7,62)

.450 (11,43) MAX. PLUNGER TRAVEL

ø 0.144 DIA. (3,68ø)

.181 DIA. (4,60ø)

.488 (12,39)

.085 (2,16)

.710 (18,03)

12 ± 0.50 (304,8±12,7)

.250 (6,35) STRIPPED

Dimensions are shown: mm
Specifications and dimensions subject to change

www.ckswitches.com

单击下面可查看定价，库存，交付和生命周期等信息

>>C&K