

Detection Switches



This product is RoHS compliant.

ALPS COMPACT TWO-WAY DETECTOR SWITCHES

- Features:**
- Right and left detection
 - Double-sided sliding contact
- Specifications:**
- Rating: 1mA @ 5 VDC
 - Operating force: 350 gf
- Applications:**
- For switching modes and zoom operation of cameras
 - Detection mechanism in DVD players, digital camcorders
- RoHS Compliant

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Alps Part No.	Fig.	ON Start Position	Location Lug	Price Each				Pkg. Qty.	Pkg. Qty. Price Each
					1	50	100	500		
688-SSCM110100	SSCM110100	A	3.58mm	With	1,05	0,899	0,751	0,677	3000	0,462
688-SSCM120100	SSCM120100	A	3.58mm	Without	1,05	0,899	0,751	0,677	3000	0,462

ALPS LOW-PROFILE DETECTOR SWITCHES

- Features:**
- Circuit: 1 pole 1 position
- Specifications:**
- Rating: 10mA @ 16VDC
 - Operating force: 85gf
 - ON/OFF Start Position: 5.4mm
- Applications:**
- Detection mechanism in car navigation systems and car audio systems
- RoHS Compliant

For quantities of 5000 and up, call for quote.

MOUSER STOCK NO.	Alps Part No.	Fig.	Total Travel Position	Circuit Arrangement	Price Each			
					1	50	100	500
688-SPVC110300	SPVC110300	B	2.0 mm	Push ON	0,72	0,528	0,314	0,297
688-SPVC110100	SPVC110100	B	2.0 mm	Push OFF	0,72	0,528	0,314	0,297

ALPS COMPACT LONG LIFE DETECTOR SWITCHES

- Features:**
- SMD types are reflow solderable, on tape and reel
- Specifications:**
- Rating: 100mA @ 12VDC
 - Operating force: 35gf
- Applications:**
- Detection of insertion of media such as DVDs, CDs
- RoHS Compliant

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Alps Part No.	Fig.	ON Starting Position	Total Travel Position	Price Each				Reel Qty.	Reel Qty. Price Each
					1	50	100	500		
SMD Mount - Vertical Operating Direction										
688-SPPB530601	SPPB530601	C	8.05 mm	6.10 mm	0,55	0,47	0,429	0,198	1500	0,19
SMD Mount - Horizontal Operating Direction										
688-SPPB530701	SPPB530701	D	8.05 mm	6.10 mm	0,55	0,47	0,437	0,421	1500	0,388
688-SPPB630101	SPPB630101	E	3.70 mm	1.70 mm	0,55	0,47	0,429	0,38	1300	0,363
688-SPPB640201	SPPB640201	F	3.70 mm	1.70 mm	0,55	0,47	0,429	0,396	1300	0,297
PCB Mount - Vertical Operating Direction										
688-SPPB512300	SPPB512300	G	8.05 mm	6.10 mm	0,55	0,47	0,264	0,206	4000	0,153
Solder Mount - Horizontal Operating Direction										
688-SPPB110300	SPPB110300	H	8.25 mm	6.25 mm	0,41	0,353	0,322	0,303	5000	0,235
688-SPPB120200	SPPB120200	I	6.55 mm	4.60 mm	1,01	0,866	0,794	0,549	5000	0,442
688-SPPB310400	SPPB310400	J	8.25 mm	6.25 mm	0,68	0,582	0,534	0,369	5000	0,323
688-SPPB320100	SPPB320100	K	8.25 mm	6.25 mm	0,68	0,582	0,534	0,369	5000	0,323

ALPS TWO-WAY DETECTOR SWITCHES

- Features:**
- Long ON travel
 - Detection in both right & left directions
- Specifications:**
- Rating: 100mA @ 12VDC
 - Operating force: 70 gf
- Applications:**
- Detection of trays in DVD players, CD-ROM drives, photo copiers, etc.
- RoHS Compliant

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Alps Part No.	Fig.	Mounting Style	Terminal Style	Price Each			
					1	50	100	500
688-SSCF110100	SSCF110100	L	PCB	Snap-in	0,87	0,784	0,644	0,611
688-SSCF210100	SSCF210100	M	Screw	Snap-in	0,87	0,784	0,644	0,611
688-SSCF310100	SSCF310100	N	PCB w/ hook	Snap-in	1,06	0,957	0,788	0,747
688-SSCF210300	SSCF210300	O	Screw	Solder/leads	0,87	0,784	0,644	0,611

ALPS TWO-WAY DETECTOR SWITCHES

- Features:**
- Can be pressed either horizontally or vertically for detection
- Specifications:**
- Rating: 100mA @ 12VDC
 - Operating force: 30.6 gf
- Applications:**
- Detection of trays in DVD players, CD-ROM drives, photo copiers, etc.
- RoHS Compliant

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Alps Part No.	Fig.	ON Starting Position	Total Travel Position	Price Each			
					1	50	100	500
688-SPVF110100	SPVF110100	P	6.30mm	4.70 mm	0,50	0,371	0,338	0,256
688-SPVF120100	SPVF120100	Q	5.75mm	4.70 mm	0,50	0,371	0,338	0,256
688-SPVF130100	SPVF130100	R	2.60mm	5.70 mm	0,50	0,371	0,338	0,256
688-SPVF140100	SPVF140100	S	9.95mm	7.80 mm	0,50	0,371	0,338	0,256

C&K SDS SERIES SIDE ACTUATED DETECT SWITCHES

- Features/Benefits:**
- Low profile package sits just 2mm off PCB
 - 2mm overtravel ideal for detector applications
 - Low actuation force (75 grams max.)
 - Pick & place compatible, available in tape and reel packaging
- Typical Applications:**
- Medical devices
 - Consumer electronic devices
 - PCB lock cam detect
 - Smart card detect
 - ATCA and MicroTCA
- RoHS Compliant

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	C&K Part No.	Fig.	Contact Rating	Price Each			
				1	25	100	250
611-SDS005	SDS005	T	100 amps @12 VDC	0,92	0,734	0,578	0,454

DIMENSIONS: mm

Technical drawings A through T showing various detector switch models with their dimensions in millimeters. Each drawing includes a small diagram of the switch and a larger, more detailed view showing dimensions such as 3.89, 5, 1.4, 5.7, 7.4, 7.55, 2.3, 6.4, 4.9, 3, 6.5, 4.9, 3.3, 6.3, 4.25, 4.6, 4.1, 7.65, 8.1, 3.5, 7.65, 8.1, 3.5, 8, 8.1, 3.5, 18° OFF, 27° ON, 12.4, 9, 11, 5.8, 27°, 18°, 27°, 12.4, 9, 11, 5.8, 27°, 18°, 27°, 12.4, 9, 11, 5.8, 18°, 27°, 27°, 12.4, 9, 5.8, 3.5, 9, 6.8, 4.5, 3.5, 6.2, 9, 4.5, 15.2, 4.5, 3.5, 10.7, 4.5, 5.7, 5.0.

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