



SENSING AND CONTROL

Product Range Guide



For innovation that's well apart, there's only Honeywell Sensing and Control.

With more than 50,000 products ranging from snap-action, limit, toggle, and pressure switches to position, speed, pressure, and airflow sensors, Honeywell Sensing and Control (S&C) has one of the broadest sensing and switching portfolios available.

Honeywell sensor, switch, and control components are tailored to exact specifications for stronger performance, longer productivity, and increased safety. Enhanced accuracy and durability are built into every part, improving output and endurance. For our customers, this can reduce expenditures and operational costs. Our global footprint and channels help to competitively price such components for your chosen application and provide immediate technical support.

Our expertise in aerospace and defense, transportation, medical, and industrial industries means we offer products and solutions for a wide range of applications. But, an impressive product line is only one part. We possess unique engineering expertise and value-added capabilities.

While Honeywell's switch and sensor solutions are suitable for a wide array of basic and complex applications, our custom-



engineered solutions offer enhanced precision, repeatability, and ruggedness. We offer domain knowledge and technology resources, along with a close working relationship, to develop and deliver cost-effective, individually tailored solutions. Whether clean-slate development or simple modifications to an existing design are needed, our expertly engineered solutions help to meet the most stringent requirements with worldclass product designs, technology integration, and customer-specific manufacturing.

With a 75-year legacy in the switch and sensor business, Honeywell S&C has earned a reputation for reliability and excellence. Our strong product designs, Six Sigma Plus manufacturing environment, and robust testing facilities help provide quality out of the box, as well as enhanced, sustainable performance down the line.

Global service, sourcing, and manufacturing. Industry-leading engineers. Value-added assemblies and solutions. Construction to required specifications. A one-stop, full-service, globally competitive supplier... Honeywell Sensing and Control.

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MICRO SWITCH™ Snap-Action Series

Premium and Standard V-Series Switches



Simple or precision on/off, end of limit, presence/absence, pressure, temperature, and manual operator interface application needs. Potential uses include a variety of applications, including business equipment, valves, manually operated devices, vending machines, water heaters, appliances, and industrial controls.



Series	V7	V15
Type	premium	standard
Amp rating	0.1 A to 25 A	5 A to 26 A
Circuitry	SPDT, SPNO, SPNC	SPDT, SPNO, SPNC
Operating force	0.7 oz max. to 14.6 oz max.	US: ≥ 100 g (16 A to 26 A) AP: 15 g to 400 g (5 A to 26 A)
Terminations	quick connect, pc board, pcb straight angle left	quick connect, direct wire connection with no terminals, RAST
Actuators/levers	pin plunger, straight, short flag, roller, sim. roller, curved tip, loop, paddle	pin plunger, straight, roller, sim. roller
Voltage	125 Vac, 250 Vac, 277 Vac	125 Vac, 250 Vac
Approvals	UL, CSA, ENEC	UL, cUL, ENEC, CQC
Operating temperature range	-40 °C to 150 °C [-40 °F to 302 °F]	-25 °C to 150 °C [-13 °F to 300 °F]
Contacts	silver, silver cadmium oxide, gold	silver cadmium oxide
Housing material	PCT polyester thermoplastic	PBT polyester thermoplastic
Measurements	15,9 mm H x 10,2 mm W x 28,8 mm L [0.63 in H x 0.4 in W x 1.14 in L]	15,9 mm H x 10,3 mm W x 27,8 mm L [0.63 in H x 0.41 in W x 1.09 in L]
Features	extended mechanical and electrical life; custom engineered solutions	broad range of electrical loads; wide temperature range; limited configuration options available

MICRO SWITCH™ Snap-Action Series

Premium and Standard Miniature and Subminiature Switches

Designed for high precision, presence and absence detection, where physical contact with an object is permissible and in simple on-and-off actions. These compact, highly reliable and rugged switches are used in potential applications including aerospace, HVAC, instrumentation, office equipment, medical/dental, valves, and vending machines.



Series	SM	SX
Type	premium	premium
Amp rating	0.1 A to 11 A	1 A to 7 A
Circuitry	SPDT	SPDT, SPNO
Operating force	0.04 oz to 2 oz	0.71 oz to 6 oz
Terminations	quick connect, solder, pcb	quick connect, solder, pcb
Actuators/levers	pin plunger, straight, roller, sim. roller, paddle	pin plunger, straight, roller, sim. roller, offset flag, crossed roller
Voltage	115 Vac, 125 Vac, 250 Vac, 30 Vdc	125 Vac, 250 Vac, 28 Vdc
Approvals	UL, CSA, ENEC, CE	UL, CSA, ENEC, CE
Operating temperature range	-55 °C to 125 °C [-67 °F to 267 °F]	-55 °C to 125 °C [-67 °F to 267 °F]
Contacts	silver, gold	silver, gold
Housing material	phenolic	phenolic or Valox®
Measurements	12,7 mm H x 6,35 mm W x 20,3 mm L [0.5 in H x 0.25 in W x 0.8 in L]	12,7 mm H x 6,35 mm W x 20,3 mm L [0.5 in H x 0.25 in W x 0.8 in L]
Features	extended operating life; elongated mounting holes; MIL-PRF-8805 qualified listings available	extended operating life; elongated mounting holes; MIL-PRF-8805 qualified listings available





ZD	ZM	ZV	ZW	ZX
standard	standard	standard	standard	standard
0.1 A, 3 A	0.1 A, 5 A, 10.1 A, 16 A	0.1 A, 6 A, 10.1 A	0.1 A, 5 A	0.1 A, 3 A
SPDT	SPST, SPDT, SPNO	SPDT, SPNO, SPNC	SPDT, SPNO, SPNC	SPDT
130 gf to 195 gf	0.18 oz to 8.78 oz	0.78 oz to 11.01 oz	1.94 oz to 7.16 oz	0.53 oz to 5.3 oz
solder, pcb straight, pcb left angle, pcb right angle, pre-wired	quick connect, solder, pcb	quick connect, solder, pcb	quick connect, solder, cable bottom/end, cable side exit	solder, pcb snap-in, pcb left angle, pcb right angle
pin plunger, straight, sim. roller	pin plunger, straight, roller, sim. roller, L-shaped	pin plunger, straight, roller, sim. roller	pin plunger, straight, roller, sim. roller	pin plunger, straight, sim. roller, special
125 Vac, 12 Vdc	125 Vac, 250 Vac, 30 Vdc	125 Vac/125 Vdc; 6 (2) A, 250 Vac	125 Vac, 250 Vac	125 Vac, 48 Vdc
UL, cUL, CE, ENEC	UL, CSA, CE	UL, cUL, ENEC, CE	UL, cUL, CE, ENEC	UL, CSA
-40 °C to 85 °C [-40 °F to 185 °F]	-25 °C to 85 °C [-13 °F to 185 °F]	-25 °C to 85 °C [-13 °F to 185 °F]	-25 °C to 80 °C [-13 °F to 176 °F]	-25 °C to 85 °C [-13 °F to 185 °F]
silver, gold-plated silver	silver, gold-plated silver, silver-tin-indium oxide	silver, gold-plated silver, silver-tin-indium oxide	silver, gold-plated silver	silver, gold-plated silver
PBT polyester	polyamide (nylon)	polyamide (nylon)	PBT (polyester)	polyamide (nylon)
10,6 mm H x 6,35 mm W x 19,8 mm L [0.42 in H x 0.25 in W x 0.78 in L]	10,6 mm H x 6,4 mm W x 19,8 mm L [0.42 in H x 0.25 in W x 0.78 in L]	10,6 mm H x 6,4 mm W x 19,8 mm L [0.42 in H x 0.25 in W x 0.78 in L]	9,0 mm H x 6,4 mm W x 19,8 mm L [0.36 in H x 0.25 in W x 0.78 in L]	6,5 mm H x 5,7 mm W x 12,7 mm L [0.26 in H x 0.22 in W x 0.50 in L]
low energy or power-duty electrical ratings; gold-plated or silver contacts; PBT polyester housing material	low energy or power-duty electrical ratings; gold-plated or silver contacts	low energy or power-duty electrical ratings; gold-plated or silver contacts	IP67 available; low energy or power-duty electrical ratings; gold-plated or silver contacts; PBT polyester housing material	low energy or power-duty electrical ratings; gold-plated or silver contacts; polybutylene terephthalate housing

MICRO SWITCH™ Snap-Action Series

Large Switches and Accessories

Often ideal for high cost-of-failure applications. Low operating force and differential travel. Current ratings from 10 A to 25 A. Designed to withstand 100K operations at full load or 10M for mechanical life. Have been used in a variety of applications including irrigation, transportation, medical/dental, valves, office equipment, presses, machine tools, and HVAC.



Series	BZ/BA/BM/BE	DT
Type	premium	premium
Amp rating	15 A (BZ), 22 A (BM), 20 A (BA), 25 A (BE)	10 A
Circuitry	SPDT	DPDT
Operating force	1.0 oz to 28 oz	7.0 oz to 10.0 oz
Terminations	quick connect, solder, screw	screw
Actuators/levers	pin plunger, overtravel plunger, straight, roller, flexible roller leaf, flexible leaf	pin plunger
Voltage	115 Vac, 125 Vac, 250 Vac	250 Vac, 28 Vdc
Approvals	UL, CSA, ENEC, CE (varies by model)	UL, CSA
Operating temp. range	-55 °C to 85 °C [-67 °F to 185 °F]	-55 °C to 85 °C [-67 °F to 185 °F]
Contacts	silver, silver cadmium oxide	silver
Housing material	general purpose phenolic	general purpose phenolic
Measurements	25,4 mm H x 17,8 mm W x 50,8 mm L [1.0 in H x 0.7 in W x 2.0 in L]	25,4 mm H x 17,8 mm W x 50,8 mm L [1.0 in H x 0.7 in W x 2.0 in L]
Features	worldwide standard "large snap-action" switch; low operating force and travel; extended mechanical life; momentary or maintained actions	mounting interchangeability with BZ Series switches; permits several wiring combinations



Series	8MA1	8MA2	17MA1-B
Type	adjustable mounting bracket	adjustable mounting bracket	conversion mounting bracket
Description	adjustment slot on the left	adjustment slot on the right	—
Housing material	steel	steel	corrosion-resistant metal
Measurements	60,2 mm W x 21,3 mm H x 7,4 mm D [2.37 in W x 0.84 in H x 0.29 in D]	60,2 mm W x 21,3 mm H x 7,4 mm D [2.37 in W x 0.84 in H x 0.29 in D]	66,8 mm W x 19,0 mm D [2.63 in W x 0.75 in D]
Features	sturdy plated steel construction; fast, easy screwdriver adjustment; can be used with all standard snap-action switches	sturdy plated steel construction; fast, easy screwdriver adjustment; can be used with all standard snap-action switches	converts standard snap-action switches from side to top mount; corrosion resistant; snaps into switch mounting holes without tools



MT	3MN	6AS	AC	DM
premium	premium	premium	special application	special application
10 A	15 A	10 A, 15 A, 20 A	5 A to 25 A	10 A, 16 A
SPDT	two circuit, double break (2 CKT DB)	SPDT	SPDT	SPDT, DPDT
2.0 oz to 18 oz	7.0 oz to 20 oz	8 oz to 14 oz	–	4,17 N [15 oz] max.
screw	screw	solder, screw, A2, T	turret-type solder, screw, flying leads	quick connect
pin plunger, straight, roller	pin plunger	straight, roller, leaf	rod	bullet nose plunger
125 Vac, 125 Vdc	480 Vac	125 Vac, 250 Vac, 480 Vac	125 Vac, 250 Vac, 480 Vac, 30 Vdc	125 Vac, 250 Vac, 277 Vac
UL, CSA	UL, CSA	UL	UL versions available	UL, CSA
-55 °C to 82 °C [-67 °F to 180 °F]	-55 °C to 85 °C [-67 °F to 185 °F]	-55 °C to 85 °C [-67 °F to 185 °F]	-54 °C to 121 °C [-65 °F to 250 °F]	-37 °C to 82 °C [-35 °F to 180 °F]
silver	silver	silver	silver	silver
arc resistant melamine	general purpose phenolic	general purpose phenolic	die-cast stainless steel bracket, stainless steel or polyester rod	polyester
25,4 mm H x 17,8 mm W x 50,8 mm L [1.0 in H x 0.7 in W x 2.0 in L]	25,4 mm H x 17,8 mm W x 50,8 mm L [1.0 in H x 0.7 in W x 2.0 in L]	20,1 mm H x 35,1 mm W x 49,3 mm L [0.79 in H x 1.38 in W x 1.94 in L]	varies by model	48,8 mm H x 31,8 mm W x 14,0 mm D [1.93 in H x 1.25 in W x 0.55 in D]
mounting interchangeability with BZ/BA Series switches; arc-extinguishing design in contact area; arc-resistant case	double-break circuitry; extended mechanical life; space between terminals reduces possibility of shorting; arc-resistant plastic	tandem switch assembly; field adjustable operating point on one or both snap-action switches	cuts power when door/drawer is opened; momentary, maintained or pull-to-cheat actuation; one or two SPDT switches	easy installation; momentary, alternate push-pull, or pull-to-cheat operation; expected mechanical life: 1 million operations, 95% survival

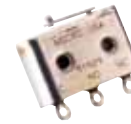


3PA1	3PA28	3PA2	5PA1	5PA2	5PA3
die-cast zinc enclosure (side mount)	die-cast zinc enclosure (side mount)	die-cast zinc enclosure (flange mount)	plastic terminal enclosure	plastic terminal enclosure	plastic terminal enclosure
mounted from either side through 3,55 mm [0.140 in] dia. holes on 25,4 mm [1.0 in] centers	mounted from either side through 3,55 mm [0.140 in] dia. holes on 25,4 mm [1.0 in] centers. 1/2-14 NPSM internal thread conduit hub	switch secured in enclosure; two 4,37 mm [0.172 in] dia. holes in flange accept #8 screws for mounting on 41,3 mm [1.625 in] centers	used with solder terminal switches	use with screw terminal switches	used with either solder or screw terminal switches with auxiliary actuators assembled
die-cast zinc	die-cast zinc	die-cast zinc	plastic	plastic	plastic
74,8 mm W x 42,9 mm H x 25,4 mm D [2.95 in W x 1.69 in H x 1.00 in D]	74,8 mm W x 42,9 mm H x 25,4 mm D [2.95 in W x 1.69 in H x 1.00 in D]	74,8 mm W x 42,9 mm H x 25,4 mm D [2.95 in W x 1.69 in H x 1.00 in D]	52,8 mm W x 16,1 mm H [2.08 in W x 0.64 in H]	52,8 mm W x 20,2 mm H x 21,0 mm D [2.08 in W x 0.80 in H x 0.83 in D]	52,8 mm W x 20,2 mm H x 21,0 mm D [2.08 in W x 0.80 in H x 0.83 in D]
protects the switch from physical abuse and personnel from contact with exposed terminals	protects the switch from physical abuse and personnel from contact with exposed terminals	protects the switch from physical abuse and personnel from contact with exposed terminals	easy to use; screw and solder terminal versions; protect personnel from contact with exposed terminals	easy to use; screw and solder terminal versions; protect personnel from contact with exposed terminals	easy to use; screw and solder terminal versions; protect personnel from contact with exposed terminals

MICRO SWITCH™ Snap-Action Series

Sealed Switches

Sealed switches are snap-action precision switches enclosed within a corrosion-resistant aluminum housing that seals the switch contacts from contamination. These sealed switches have often been used in aerospace, ordnance, industrial, marine, and transportation applications.



Series	SE/XE	HM
Type	anodized aluminum	stainless steel
Sealing	MIL-PRF-8805, symbol 3	MIL-PRF-8805, symbol 5, hermetic
Operating temperature range	-53 °C to 105 °C [-65 °F to 221 °F]	-65 °C to 121 °C [-85 °F to 250 °F] high temp available: 500 °F
Actuators/levers	auxiliary actuators available	integral lever; aux. actuators: leaf, roller leaf, straight, roller lever
Termination	solder, leadwire	solder, leadwire
Circuitry	SPDT	SPDT
Contacts	silver, gold, bifurcated gold	silver, gold, bifurcated gold
Amp rating	7 A max.	0.5 A to 3 A
Approvals	CE, UL/CSA, MIL-PRF-8805 (selected listings)	MIL-PRF-8805
Measurements	SE: 19,05 mm H x 8,64 mm W x 22,35 mm L [0.75 in H x 0.34 in W x 0.88 in L] XE: 19,05 mm H x 8,13 mm W x 15,75 mm L [0.75 in H x 0.32 in W x 0.62 in L]	12,7 mm H x 6,35 mm W x 20,3 mm L [0.5 in H x 0.25 in W x 0.8 in L]
Features	watertight and military standard construction per MIL-PRF-8805; corrosion-resistant aluminum housing	hermetically sealed per MIL-PRF-8805; high temperature construction; reduced sensitivity to changes in altitude or pressure



Series	HS
Type	stainless steel, phenolic
Sealing	MIL-PRF-8805, symbol 5, hermetic
Operating temperature	-54 °C to 121 °C [-65 °F to 250 °F]
Actuators/levers	integral lever
Termination	screw, leadwire
Circuitry	SPDT
Contacts	silver
Amp rating	1 A to 25 A
Approvals	UL, CSA, MIL-PRF-8805
Measurements	25,4 mm H x 17,8 mm W x 50,8 mm L [1.0 in H x 0.7 in W x 2.0 in L]
Features	hermetically sealed per MIL-PRF-8805; high temperature construction; reduced sensitivity to changes in altitude or pressure

MICRO SWITCH™ Pushbutton Switches

Lit and Unlit Pushbuttons

Lighted or unlighted, pushbuttons are designed to enhance manual operation with a flexible and attractive interface. Snap-in surface products are easy to apply, operate, and maintain. Potential applications include control boards and panels found in industrial machinery, instrumentation, flight decks, and test equipment.



Series	PB
Panel area	depends on type and number of snap-action switches
Display	8,1 mm [0.32 in] and other button sizes
Colored buttons	available
Mounting	threaded bushing
Termination	solder, H58, quick connect
Sealing	panel-seal version, hermetically sealed switch units
Electrical	2 A to 5 A, 125/250 Vac
Approvals	UL, CSA, some meet MIL-PRF-8805 and MIL-STD-1080D
Features	up to four poles; compact or miniature sizes; sealed versions available



Series	AML	MML
Panel area	20,5 mm [0.80 in] square; 20,5 mm x 30,5 mm [0.80 in x 1.20 in] rectangular	15 mm x 9,9 mm [0.59 in x 0.39 in] rectangular; 17,8 mm x 12,7 mm [0.70 in x 0.50 in] rectangular; 9,9 mm [0.39 in] square
Display	15,0 mm [0.59 in] square; 15 mm x 25 mm [0.59 in x 0.99 in] buttons	13 mm x 6,6 mm [0.51 in x 0.26 in] rectangular; 6,8 mm [0.27 in] square
Illumination	incandescent T-1-3/4 lamps – 6 V, 14 V, 28 V; LEDs – 2 V, 4 V, 5 V, 10 V, 15 V; neon lamps – 125 V, 250 V	T-1 – 5 V, 28 V; incandescent T-1-3/4 LEDs – 2 V, 2.5 V, 3 V
Behind panel	43,1 mm [1.7 in]	17,0 mm [0.67 in]
Mounting	snap-in individual, strip, matrix, sub-panel, pcb	snap-in individual, strip, sub-panel, pcb, bezel
Termination	solder, quick connect, pc board, push-on	solder, quick connect, printed wiring board
Sealing	optional panel seal	–
Electrical	solid state: 5 Vdc, 6 Vdc to 16 Vdc, 4.5 Vdc to 24 Vdc; electronic control: up to 3 A, 125 Vac	silver contacts: up to 1 A, 125 Vac; 6 A @ 125 Vac, 250 Vac; 2 A @ 30 Vdc; 1 A @ 125 Vdc; 1/10 hp @ 125 Vac; gold contacts: up to 0.25 A, 30 Vdc; UL rating 0.10 A
Approvals	UL, CSA, CDE, CE (selected products)	UL, CSA
Features	silver or gold contacts; full guard bezel option; lamp circuit independent of switch circuit	silver or gold contacts; pwb or panel-mount switches; multi-unit strip mounting available

Honeywell

MICRO SWITCH™ Toggle & Rocker Switches

Sealed and Standard Toggles and Rockers



Hermetic and environmentally sealed toggle switches offer enhanced reliability with MICRO SWITCH™ technology. Can be used in a variety of applications where a panel-mount switch with an environment-proof rating is needed, including industrial equipment, military and commercial aviation, agriculture, process control, and medical.



Series	AT	TS
Type	stainless steel toggle	stainless steel, phenolic toggle
Sealing	MIL-PRF-8805/26/98	–
Operating temp.	various	-54 °C to 71 °C [-65 °F to 160 °F]
Actuator/lever	standard, locking, tab, special design	standard
Action	2-position, momentary & maintained	2- or 3-position, momentary & maintained
Mounting	15/32 in bushing, 1/4 in bushing, 3-hole, above panel	15/32 in bushing
Termination	solder, solder T2, screw, quick connect, leadwire, H58	solder, screw, quick connect
Circuitry	SPDT, DPDT, DPNO, 3PDT, 4PDT, 6PDT, 7PDT, 8PDT, 10PDT	SPST, SPDT, DPST, DPDT
Contacts	silver, gold	silver cadmium oxide
Amp rating	0.01 A to 5 A (resistive)	up to 15 A
Measurements	various	various
Approvals	qualified to MIL-PRF-8805/26/98	UL, CSA
Features	choice of sealed bushing; short behind panel depth	lever-to-bushing seal



Series	AML
Housing type	non-lighted, rectangle; 1 lamp circuit, rectangle; 2 lamp circuits, rectangle
Circuitry	SPST, SPDT, DPST, DPST, 4PDT
Action	2 position, 3 position
Mounting	snap-in panel
Termination	solder, quick connect, printed circuit, push-on
Ampere/voltage range	0.4 A to 2 A @ 0.5 Vdc to 30 Vdc; 0.4 A to 3 A @ 0.5 Vac to 125 Vac; 0.4 A to 2 A @ 0.5 Vac to 250 Vac
Light (if applicable)	no lamp installed; incandescent 6 V, 14 V, 28 V; neon
LED/neon color	red, yellow, green
Measurements	various
Approvals	–
Features	silver and gold contacts; available with or without diode protection for LEDs; lamp circuit independent of switch circuit



TW	ET	NT	TL
miniature stainless steel toggle	magnetically held toggle	industrial-grade toggle	military-grade toggle
qualified to MIL-DTL-83781	most listings qualified to MIL-S-5594	IP67/68; NEMA 3, 3R, 4 and 13	qualified to MIL-DTL-3950
-65 °C to 71 °C [-85 °F to 160 °F]	-65 °C to 71 °C [-85 °F to 160 °F]	-40 °C to 71 °C [-40 °F to 160 °F]	-65 °C to 71 °C [-85 °F to 160 °F]
standard, locking, special design, tab	standard, pull/push-to-unlock, tab	standard, locking, special design, tab	standard, special design, tab, paddle, none
2- or 3-position, momentary & maintained	2- or 3-position, momentary & maintained	2- or 3-position, momentary & maintained	2- or 3-position, momentary & maintained
bushing 15/32 in or 1/4 in	bushing 15/32 in	bushing 15/32 in	bushing 15/32 in
IWTS, solder, screw, quick connect, H58, T2	screw, leadwire, turret	solder, screw, quick connect	IWTS, solder, screw, quick connect, leadwire
SPST, SPDT, DPST, DPDT	SPDT, DPDT, 4PDT	SPST, SPDT, DPST, DPDT, 4PST, 4PDT	SPST, SPDT, DPST, DPDT 3PST, 3PDT, 4PST, 4PDT
silver alloy, gold-plated	silver alloy, gold-plated	silver alloy	silver alloy, gold-plated
0.1 A to 5.0 A @ 0.5 Vdc to 28 Vdc; 0.1 A to 5.0 A @ 0.5 Vac to 115 Vac	7 A max. (resistive)	up to 20 A (resistive)	up to 20 A (resistive)
49,78 mm H x 14,61 mm W x 14,61 mm D [1.96 in H x 0.575 in W x 0.575 in D]	51,56 mm H x 25,4 mm W x 25,4 mm D [2.03 in H x 1.0 in W x 1.0 in D]	26,7 mm H x 33,5 mm W x 22,6 mm D [1.05 in H x 1.32 in W x 0.89 in D]	26,7 mm H x 33,5 mm W x 22,6 mm D [1.05 in H x 1.32 in W x 0.89 in D]
UL, qualified to MIL-DTL-83781	qualified to MIL-S-5594	UL, CSA, CE	UL, CSA, CE, qualified to MIL-DTL-3950
saves space and weight; sealed bushing versions	holding coil replaces mechanical holding mechanisms to maintain toggle in operate	completely sealed switching chamber; enhanced tactile feedback	environment-proof sealing; qualified to MIL-DTL-3950



TP
non-lighted, rectangle
SPST, SPDT, DPDT, 4PDT
2 position, 3 position
flush mount; above panel mount
screw
silver, gold
-
-
various
UL recognized, CSA certified, CE approved
2- or 3-position operating action; various button colors; dust and splash-proof sealed; silver or gold contacts available; can be provided with or without buttons

Warranty/Remedy

Honeywell warrants goods of its manufacture as being free of defective materials and faulty workmanship. Honeywell's standard product warranty applies unless agreed to otherwise by Honeywell in writing; please refer to your order acknowledgment or consult your local sales office for specific warranty details. If warranted goods are returned to Honeywell during the period of coverage, Honeywell will repair or replace, at its option, without charge those items it finds defective.

The foregoing is buyer's sole remedy and is in lieu of all other warranties, expressed or implied, including those of merchantability and fitness for a particular purpose. In no event shall Honeywell be liable for consequential, special, or indirect damages.

While we provide application assistance personally, through our literature and the Honeywell web site, it is up to the customer to determine the suitability of the product in the application.

Specifications may change without notice. The information we supply is believed to be accurate and reliable as of this printing. However, we assume no responsibility for its use.

WARNING

MISUSE OF DOCUMENTATION

- The information presented in this literature is for reference only. DO NOT USE this document as product installation information.
- Complete installation, operation and maintenance information is provided in the instructions supplied with each product.

Failure to comply with these instructions could result in death or serious injury.

For products not designed for safety applications:

WARNING

PERSONAL INJURY

DO NOT USE these products as safety or emergency stop devices or in any other application where failure of the product could result in personal injury.

Failure to comply with these instructions could result in death or serious injury.

For products designed for safety applications:

WARNING

RISK TO LIFE OR PROPERTY

Never use this product for an application involving serious risk to life or property without ensuring that the system as a whole has been designed to address the risks, and that this product is properly rated and installed for the intended use within the overall system.

Failure to comply with these instructions could result in death or serious injury.

Honeywell