

Manual Switches

Sealed Toggle Switches

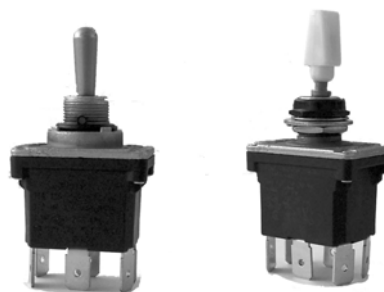
NT Series/Flat Base

FEATURES

- Completely sealed switching chamber
- IP67/IP68
- NEMA 3, 3R, 4, 13
- 2- or 3-position maintained and momentary action
- Flat base with quick connect terminals – mating connectors are available
- Spring-loaded actuating mechanism provides excellent tactile feedback
- UL recognized, File E12252, Vol. 1, Section 44
- CSA certified, CE certified
- Optional panel stand-off with O-ring panel seal

TYPICAL APPLICATIONS

- Industrial equipment
- Military and commercial aviation
- Construction equipment
- Test instruments
- Agricultural machinery
- Process control
- Medical instrumentation



GENERAL INFORMATION

Honeywell NT Series toggle switches meet the need for a rugged, cost-effective toggle switch. Quality construction features include a seal between the toggle lever and bushing, and between the cover and case. These switches can be used where panels are subject to splashes, hosedowns, or outdoor environments. Complete sealing of the switching chamber enables NT toggles to comply with UL 508, paragraph 13.3 hosedown test. They will also withstand exposure to heavy accumulations of early morning dew that may condense on the control panel in cabs of vehicles left outdoors overnight. The “Easy Start” threaded bushing enables quick alignment of the mounting nut to decrease the chance of cross threading. The panel stand-off with O-ring feature available on some listings eliminates the need for behind-the-panel hardware, provides a uniform panel height, and provides a panel-to-cover seal.

UL AND CSA ELECTRICAL RATINGS

Rating Code	Electrical rating
L192	10 amps, 125, 250, 277 Vac; ¼ Hp, 125 Vac; ½ Hp, 250, 277 Vac; 3 amps, 125 Vac “L”
L191	15 amps, 125, 250, 277 Vac; ½ Hp, 125 Vac; 1 Hp, 250, 277 Vac; 5 amps, 125 Vac “L”

ELECTRICAL RATINGS

Elect. Rating Code	28 Volts DC			115 Vdc	250 Vdc	115 Vac, 60 Hz & 400 Hz			230 Vac
	Ind.	Res.	Lamp	Res.	Res.	Ind.	Res.	Lamp	Res
1	12	20	5	0.75	0.5	10	15	3	6
2	10	15	4	0.75	0.5	7	15	2	6
3	15	20	7	0.75	0.5	15	15	4	6
4	10	18	5	0.75	0.5	8	11	2	6

⚠ 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.

⚠ WARNING

MISUSE OF DOCUMENTATION

- The information presented in this product sheet is for reference only. Do not use this document as a product installation guide.
- 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.

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NT 2-POSITION ORDER GUIDE

No. of poles	Circuits Made with Toggle At:			Elect. Rating Code	Catalog Listing Toggle Q-C
	Keyway Position	Opposite Keyway	UL Rating Code		
1	OFF	2-3	L191	1	31NT91-2
	1-2	2-3	L191	1	31NT91-3
	OFF**	2-3	L192	2	31NT91-4
	1-2**	OFF	L192	2	31NT91-6
	1-2**	2-3	L192	2	31NT91-8
2	OFF	2-3, 5-6	L191	3	32NT91-2
	1-2, 4-5	2-3, 5-6	L191	3	32NT91-3
	OFF**	2-3, 5-6	L192	4	32NT91-4
	1-2, 4-5**	OFF	L192	4	32NT91-6
	1-2, 4-5**	2-3, 5-6	L192	4	32NT91-8

** These positions are momentary. All others are maintained.

NT 2-POSITION ORDER GUIDE • PANEL STAND-OFF FEATURE

No. of poles	Circuits Made with Toggle At:			Elect. Rating Code	Catalog Listing Toggle Q-C
	Keyway Position	Opposite Keyway	UL Rating Code		
1	OFF	2-3	L191	1	631NT91-2 631NT91-3 631NT91-4 631NT91-6 631NT91-8
2	OFF	2-3, 5-6	L191	3	632NT91-2
	1-2, 4-5	2-3, 5-6	L191	3	632NT91-3 632NT91-4
	1-2, 4-5**	OFF	L192	4	632NT91-6 632NT91-8

** These positions are momentary. All others are maintained. Pick up Keyway Position / Opposite Keyway, etc from standard listings above that do not have the panel stand-off feature.

MATING CONNECTORS ORDER GUIDE

Description	Catalog listing
2-pole connector	19PA168-NT
1-pole connector, same package size as 2-pole connector	19PA169-NT

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NT 3-POSITION ORDER GUIDE

No. of poles	Circuits made with toggle at:			UL Rating Code	Elect. Rating Code	Catalog Listing Toggle Q-C
	Keyway Position	Center Position	Opposite Keyway			
1	1-2	OFF	2-3	L191	1	31NT91-1
	1-2**	OFF	2-3	L192	2	31NT91-5
	1-2**	OFF	2-3**	L192	2	31NT91-7
	NONE***	OFF	2-3	L191	1	31NT91-21
	NONE***	1-2	2-3	L191	1	31NT91-31
	NONE***	1-2	2-3**	L192	2	31NT91-51
	1-2**	OFF	NONE***	L192	2	31NT91-61
2	1-2, 4-5	OFF	2-3, 5-6	L191	3	32NT91-1
	1-2, 4-5**	OFF	2-3, 5-6	L192	4	32NT91-5
	1-2, 4-5**	OFF	2-3, 5-6**	L192	4	32NT91-7
	NONE***	OFF	2-3, 5-6	L191	3	32NT91-21
	NONE***	1-2, 4-5	2-3, 5-6	L191	3	32NT91-31
	NONE***	1-2, 4-5	2-3, 5-6**	L192	4	32NT91-51
	1-2, 4-5**	OFF	NONE***	L192	4	32NT91-61
	1-2, 4-5	2-3, 5-6	2-3, 5-6	L191	3	32NT91-12
	1-2, 4-5	1-2, 5-6	2-3, 5-6	L191	3	32NT91-10
	1-2, 4-5**	1-2, 5-6	2-3, 5-6	L192	4	32NT91-50
	1-2, 4-5**	1-2, 5-6	2-3, 5-6**	L192	4	32NT91-70
	1-2, 4-5**	1-2, 5-6	2-3, 5-6**	L192	4	32NT91-70

** These positions are momentary. All others are maintained.

*** Toggle lever is blocked from these positions. Toggle becomes 2-position, with center being one extreme position.

NT 3-POSITION ORDER GUIDE • PANEL STAND-OFF FEATURE

No. of poles	Circuits made with toggle at:			UL Rating Code	Elect. Rating Code	Catalog Listing Toggle Q-C
	Keyway Position	Center Position	Opposite Keyway			
1	1-2**	OFF	2-3**	L192	2	631NT91-7 631NT91-1 631NT91-5
2	1-2, 4-5	OFF	2-3, 5-6	L191	3	632NT91-1
	1-2, 4-5**	OFF	2-3, 5-6	L192	4	632NT91-5
	1-2, 4-5**	OFF	2-3, 5-6**	L192	4	632NT91-7 632NT91-70

** These positions are momentary. All others are maintained

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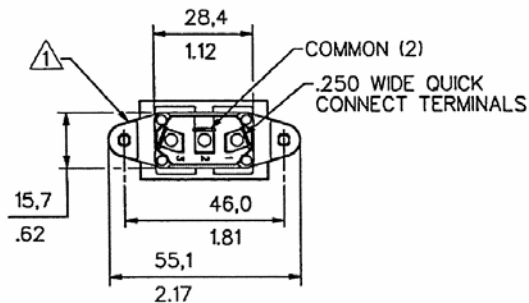
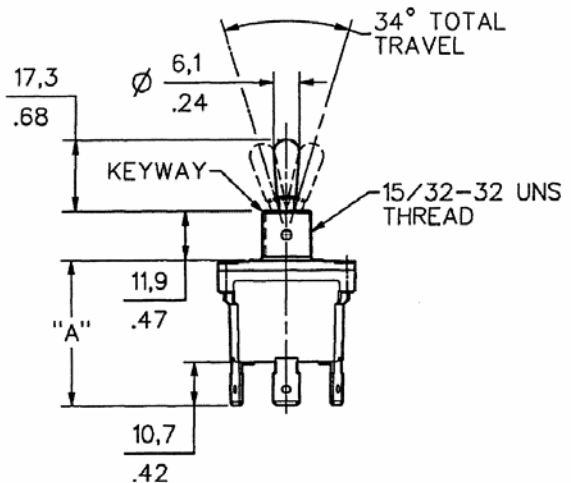
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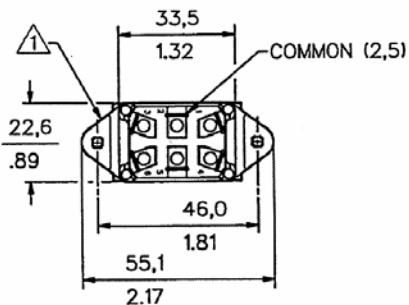
MOUNTING DIMENSIONS

For reference only mm/in

Toggle Switches



① IDENTIFICATION LUG SIDE



① IDENTIFICATION LUG SIDE

WARRANTY/REMEDY

Honeywell warrants goods of its manufacture as being free of defective materials and faulty workmanship. Contact your local sales office for warranty information. If warranted goods are returned to Honeywell during the period of coverage, Honeywell will repair or replace 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.**

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.

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.

For application assistance, current specifications, or name of the nearest Authorized Distributor, contact a nearby sales office. Or call:

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1-800-737-3360 Canada

1-815-235-6847 International

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