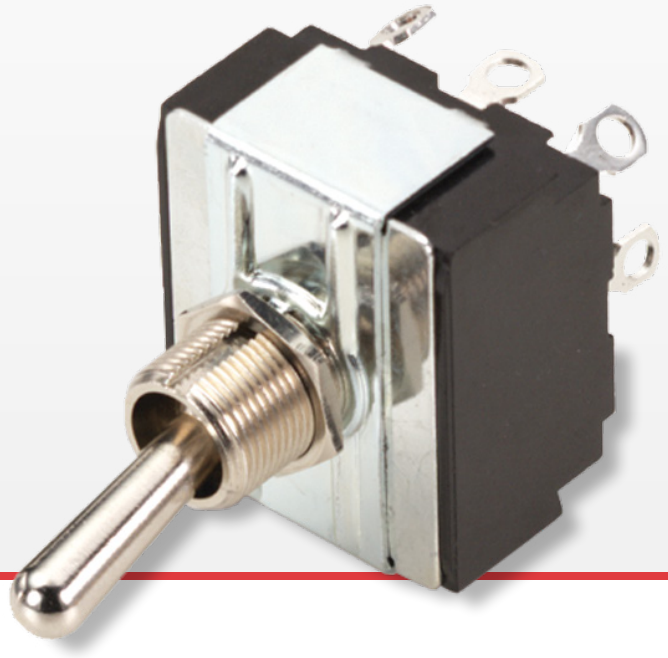
Littelfuse® | Carling Technologies®
A Littelfuse® Brand

H/I-Series

Toggle Switches

PRODUCT WEBPAGE

request sample, configure part





General purpose workhorses with options tailored to meet most any need. Ratings to 17A 125VAC, various actuator, bushing, termination, and circuit choices allow this toggle to easily integrate into a variety of different applications. The H/I-Series is appropriate for usage in low voltage DC applications.

3-4	3-17	125, 250, 600	12-24
Poles	Amps	VAC	VDC

Typical Applications

- Marine
- Food Service
- Generator
- Industrial Control
- Office Automation

www.carlingtech.com 860.793.9281 sales@carlingtech.com

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Tech Specs

Dielectric Strength

UL/CSA: 1000V - live to dead metal parts

Electrical Life

50,000 cycles - maintained
25,000 cycles - momentary

Operating Temperature

32°F to 185°F (0° to 85°C)

Ordering Scheme

Sample Part Number	H	K	25	1	-	73
Selection	1	2	3	4		5

1. SERIES

H

2. CIRCUIT

5, 9, 10, 11, 12

Three Pole		Three Pole (In Four Pole Base)	
K	ON-NONE-OFF	**K**	ON-NONE-OFF
L	ON-NONE-ON	**L**	ON-NONE-ON
M	ON-OFF-ON	**M**	ON-OFF-ON
O	ON-OFF-ON		

3. RATING

25	10A 250 VAC 15A 125 VAC 3/4HP 250 VAC 1, 2 or 3-Phase
26	3A 250 VAC 6A 125 VAC 1/4HP 125-250 VAC 1, 2 or 3-Phase
27	12A 250 VAC 17A 125 VAC 1-1/2HP 250 VAC 1, 2, 3-Phase
A25	6A 600VAC, 10A 250 VAC, 15A 125 VAC, 3/4HP 250 VAC, 1, 2, 3-Phase, 1 HP 480-600VAC; 3 Phase
A27	6A 600 VAC, 12A 250 VAC, 17A 125 VAC, 2 HP 480-600 VAC; 3 Phase

4. TERMINATION/FUNCTION

1, 4

Function	Solder Lug	.250 Tab (QC)	.205 Tab (QC)	.187 Tab (QC)	Screw Term.	Wire Lead	PC Term.	Combi Term
ON-NONE-OFF	**0**	**1**	**2**	**3**	**4**	**5**	**6**	**7**
(ON)-NONE-OFF	**A**	**B**	**C**	**D**	**E**	**F**	**G**	**H**
ON-NONE-(OFF)	**L**	**M**	**Q**	**R**	**S**	**T**	**U**	**Y**
ON-NONE-ON	**0**	**1**	**2**	**3**	**4**	**5**	**6**	**7**
ON-NONE-(ON)	**A**	**B**	**C**	**D**	**E**	**F**	**G**	**H**
ON-OFF-ON	**0**	**1**	**2**	**3**	**4**	**5**	**6**	**7**
ON-OFF-(ON)	**A**	**B**	**C**	**D**	**E**	**F**	**G**	**H**
(ON)-OFF-(ON)	**L**	**M**	**Q**	**R**	**S**	**T**	**U**	**Y**

5. TOGGLE STYLE

8

Bat Style Toggle	Toggle with Neoprene Seal	Toggle Length	Bushing Length
73	**78**	.687	.465
NBL3	**NBL8**	.687	.465
NWH3	**NWD8**	.687	.465
NRD3	**NRD8**	.687	.465

Notes:

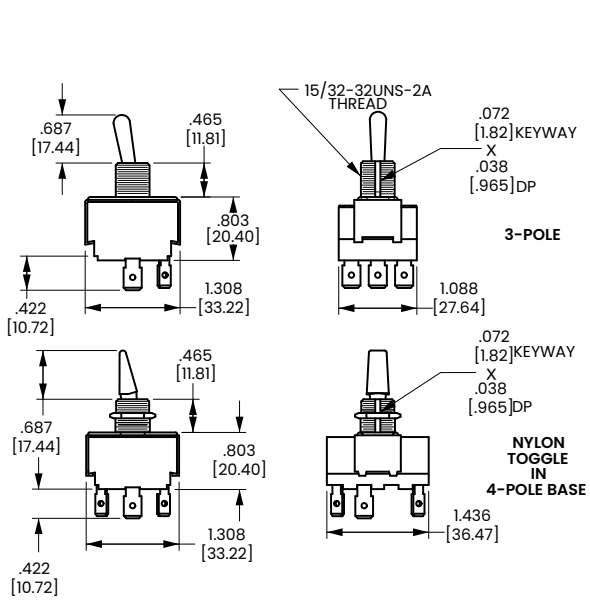
1. Standard wire lead length is 6". For other wire lead lengths,Use wire lead termination/function code and add "/" and the wire lead length required at the end of the part number.. Example: HK255-73/10"
2. Hardware/Packaging Options may be added to the base part number by adding a "/" with the option at the end of the part number.
   Example: HL251-73 / HDW ASSM
   Available options include:
   - 2 Hex — 2 Hex nuts (1 assembled on switch, 1 Supplied in bulk)
   - No Hardware — No Hardware included
   - HDW ASSM — With Hardware assembled
   - HDW bulk — With Hardware bulk
   - Poly — With Polybag
3. The nbl3 and nbl8 toggle uses a black oxide plated metal bushing. Nwh and nrd toggles use nickel plated metal bushings. Nbl, nwh, and nrd toggles use a four pole base with pole 3 empty.
4. () indicates momentray function.
5. Maintained or Momentary action of the switch is determined by the combination of the circuit and termination/function designation of the description.
   Example: HK25B-73 is a (ON)-OFF circuit with .250 TAB Terminals.
6. Combi-terminals are only available with ratings 25 & 27 with screws and saddle Clamps Supplied in bulk.
7. Screw terminals are supplied with screws assembled to terminals.
8. Nylon toggles are not available with momentary circuits.
9. The "o" circuit is a reversing circuit with jumpers from terminal 1 to 6, 3 to 4, and terminal 7 to 9. Terminals are located at 1, 2, 3, 4, 5, 6, 7, 8, and 9.
10. The "o" circuit is not available with pc or combi terminals.
11. A special "o" circuit is a reversing circuit called out with a "j" following the termination/function digit in the description. Jumpers are from terminal 1 to 5, 3 to 5, 4 to 9 and 6 to 7. Terminals are located at 2, 3, 6, and 9 with a double terminal at 8.
12. Special "O" circuit only available with .250 Tab terminals. Example: H025IJ-73
13. When the switch circuit is not ul or csa approved, the rating code in the item master file will be 000, no matter what the rating code call out is in the switch description.

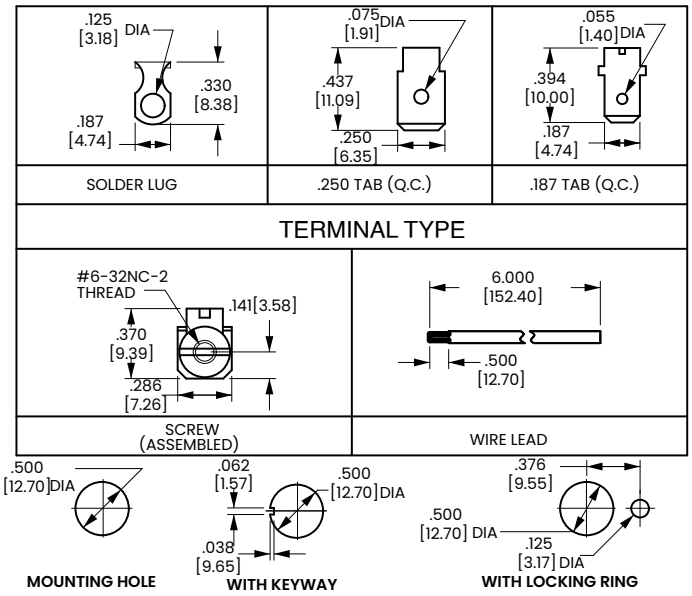
COS-0127_REV_B
*Manufacturer reserves the right to change product specification without prior notice.

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Dimensional Specs

inches [millimeters]





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About Carling

Founded in 1920, Carling Technologies is a leading manufacturer of electrical and electronic switches and assemblies, circuit breakers, electronic controls, power distribution units, and multiplexed power distribution systems. With six ISO9001 and IATF16949 registered manufacturing facilities and technical sales offices worldwide, Carling Technologies Sales, Service and Engineering teams do much more than manufacture electrical components, they engineer powerful solutions! To learn more about Carling please visit www.carlingtech.com/company-profile.

To view all of Carling's environmental, quality, health & safety certifications please visit www.carlingtech.com/environmental-certifications.

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