

H/I-Series

TOGGLE SWITCHES

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.



Product Highlights:

- ♦ Ratings up to 600VAC
- ♦ Available reversing and progressive switch circuits
- ♦ Variety of termination options
- ♦ Consult factory for large choice of bushing/toggle length combinations

Typical Applications:

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



Dielectric Strength

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

Electrical Life

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

Mechanical Life

100,000 cycles

Operating Temperature

32°F to 185°F (0° to 85°C)

HK251 - 73

¹
Base Part Number

²
Actuator Style

1 BASE PART NUMBER: SERIES / CIRCUITRY / RATING / TERMINATION ²

10A 250VAC, 15A 125VAC, 3/4 HP 125-250VAC, 1, 2 or 3 phase

Three Pole

solder lug	.250 tab	screw term.	wire leads
HK250	HK251	HK254	HK255
HK25A	HK25B	HK25E	HK25F
HK25L	HK25M	HK25S	HK25T
HL250	HL251	HL254	HL255
HL25A	HL25B	HL25E	HL25F
HM250	HM251	HM254	HM255
HM25A	HM25B	HM25E	HM25F
HM25L	HM25M	HM25S	HM25T

Off-None-On
Off-None-(On)
On-None-(Off)
On-None-On
On-None-(On)
On-Off-On
On-Off-(On)
(On)-Off-(On)

Four Pole

solder lug	.250 tab	screw term.	wire leads
IK250	IK251	IK254	IK255
IK25A	IK25B	IK25E	IK25F
IK25L	IK25M	IK25S	IK25T
IL250	IL251	IL254	IL255
IL25A	IL25B	IL25E	IL25F
IM250	IM251	IM254	IM255
IM25A	IM25B	IM25E	IM25F
IM25L	IM25M	IM25S	IM25T

Additional ratings up to 20A 125VAC, 12A 250VAC, 1HP 120-240 VAC available. Consult factory for specifics.

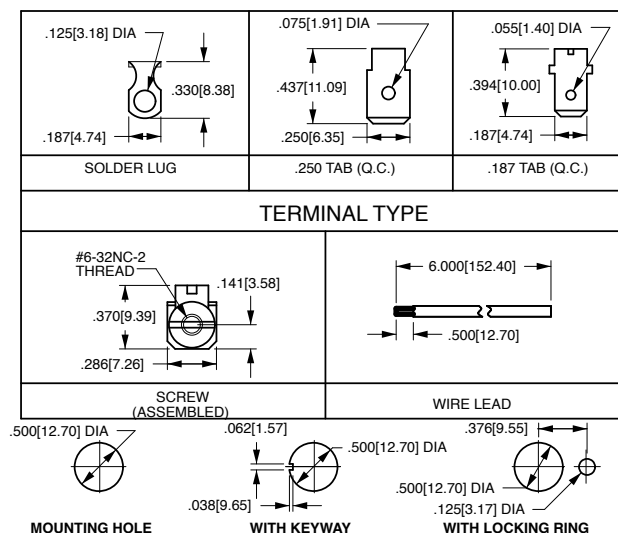
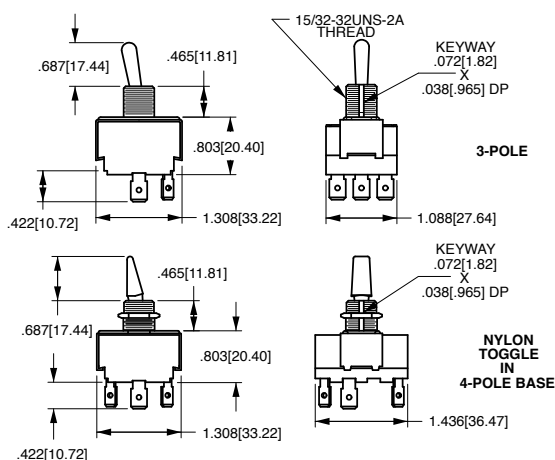
2 ACTUATOR STYLE ¹

	unsealed	sealed	toggle length	bushing length
BAT	73	78	0.687	0.465
PADDLE ³	E3	E8	2.000	0.465
	NBL3	NBL8	0.687	0.465

Notes:

- Additional actuator options available. Consult factory for details.
- Consult factory for .187 tab and combination screw/tab/solder lug termination callouts.
- Nylon toggle with black ebanol plated bushing.

() Indicates momentary function.



*Manufacturer reserves the right to change product specification without prior notice.

Authorized Sales Representatives and Distributors

Click on a region of the map below to find your local representatives and distributors or visit www.carlingtech.com/findarep.



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 four ISO 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

Worldwide Headquarters

Carling Technologies, Inc.
60 Johnson Avenue, Plainville, CT 06062
Phone: 860.793.9281 **Fax:** 860.793.9231
Email: sales@carlingtech.com

Northern Region Sales Office: nrsm@carlingtech.com
Southeast Region Sales Office: sersm@carlingtech.com
Midwest Region Sales Office: mrsm@carlingtech.com
West Region Sales Office: wrsm@carlingtech.com
Latin America Sales Office: larsm@carlingtech.com

Asia-Pacific Headquarters

Carling Technologies, Asia-Pacific Ltd.,
Suite 1607, 16/F Tower 2, The Gateway,
Harbour City, 25 Canton Road,
Tsimshatsui, Kowloon, Hong Kong
Phone: Int + 852-2737-2277 **Fax:** Int + 852-2736-9332
Email: sales@carlingtech.com.hk

Shenzhen, China: shenzhen@carlingtech.com
Shanghai, China: shanghai@carlingtech.com
Pune, India: india@carlingtech.com
Kaohsiung, Taiwan: taiwan@carlingtech.com
Yokohama, Japan: japan@carlingtech.com

Europe | Middle East | Africa Headquarters

Carling Technologies LTD
4 Airport Business Park, Exeter Airport,
Clyst Honiton, Exeter, Devon, EX5 2UL, UK
Phone: Int + 44 1392.364422 **Fax:** Int + 44 1392.364477
Email: ltd.sales@carlingtech.com

Germany: gmbh@carlingtech.com
France: sas@carlingtech.com



Carling Technologies®

Innovative Designs. Powerful Solutions.