imall

Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from, Europe, America and south Asia, supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts, Customers Priority, Honest Operation, and Considerate Service", our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip, ALPS, ROHM, Xilinx, Pulse, ON, Everlight and Freescale. Main products comprise IC, Modules, Potentiometer, IC Socket, Relay, Connector. Our parts cover such applications as commercial, industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832 Email & Skype: info@chipsmall.com Web: www.chipsmall.com Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



SH-3 series NPT mount SPDT switch







1 1/2"NPT or 2"NPT thread external mount

- SS 316L float material
- SS 304 other wetted parts material
- Available in direct switching version for use at up to 100°C or low power switching at up to 200°C
- Aluminium enclosure with screw on lid and cable gland

The SH-3 series are NPT mount horizontal float operated level switches.

This design uses a pivoted float arm with a magnet on the inboard end. This magnet when moved by the rising float arm interacts with another magnet in the switch enclosure to give a snap action operation.

Two switching options are available using either microswitches or reed switches, for different switching power and operating temperature ranges.

Available with either 1 1/2"NPT or 2" NPT thread mounting.

Technical Specification

Mounting style Float material Maximum Temperature Maximum pressure Float SG Minimum fluid SG

External via screw	v thread Mount
316L grade SS	Other
100°C / 200°C	Cable
20 bar or 25 bar	Enclos
0.65 or 0.55	Sealir
0.70 or 0.60	

ounting	1/2"NPT or 2"NPT
ther wetted parts	SS 304
able entry	½"BSP
nclosure rating	IP65
ealing gasket Not	applicable

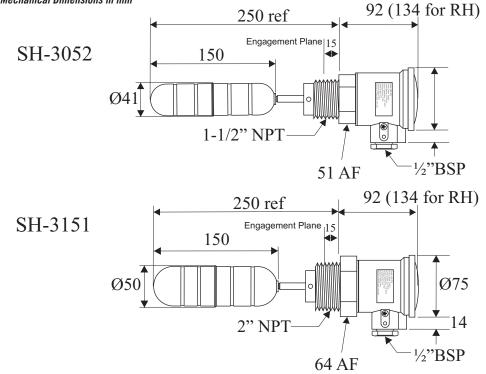
Electrical Specification	SH-3052/SH-3151	SH-3052RH/SH-3151RH
Contact Form	SPDT	SPDT
Switching Voltage AC Max V	250	400
Switching Voltage DC Max V	120	400
Switching Current Max A	5	1

All ratings are for resistive load only. RH version should be limited to maximum power 60VA

Standard Parts	Material	Max Curren	t Temperature	Range Min SG	Max pressure
SH-3052	SS 316L/304	5	0 - 100°C	0.70	20 bar
SH-3052RH	SS 316L/304	1	0 - 200°C	0.70	20 bar
SH-3151	SS 316L/304	5	0 - 100°C	0.60	25 bar
SH-3151RH	SS 316L/304	1	0 - 200°C	0.60	25 bar

Custom versions can be made for particular applications. Please contact Cynergy3 with your requirements.

Mechanical Dimensions in mm



Cynergy3 Components Ltd. 7 Cobham Road Ferndown Industrial Estate Wimborne, Dorset BH21 7PE Telephone +44 (0) 1202 897969

Email:sales@cynergy3.com

ISO9001 CERTIFIED

www.cynergy3.com

© 2012 Cynergy3 Components, All Rights Reserved. Specifications are subject to change without prior notice. Cynergy3 Components and the Cynergy3 Components logo are trademarks of Cynergy3 Components Limited.