

# WATER FLOW SWITCHER



## HFS

HFS-15 PT(Rc)1/2"  
 HFS-20 PT(Rc)3/4"  
 HFS-25 PT(Rc)1

### Application

The paddle type SPDT HFS series are designed to provide excellent performance where accuracy, reliability, and rugged construction are required used in liquid flow lines carrying in liquid flow lines carrying water or any fluid neither harmful to brass and phosphora bronze nor classified as a hazardous fluids. They can be wired to close one circuit when liquid flow either exceeds or drops below the adjusted flow rate. The HFS series are recommended for liquid pressure and temperature as mentioned below and must not be used on lines carrying liquids below 0°C.

They may be also used outdoors but must be protected from weather or splashing water.

All series HFS flow switches are designed for use only as operating controls.

Where an operating control failure would result in personal injury and/or loss of property, it is the responsibility of user to add safety device that protect against, or supervisory systems that warn of control failure.

### Technical Data

TYPE	VOLTAGE	RESISTANCE LOAD	LAMP LOAD	MOTOR LOAD
AC(STANDARD)	AC125V	5A	44A	5A
	AC250V	2.5A	22A	2.5A
DC	DC115V	0.3A		
	DC230V	0.15A		

- OPERATING PRESSURE : 10Kgf/cm2 (1000KPa)
- WITHSTAND PRESSURE : 17.5Kgf/cm2 (91750KPa)
- INSULATION RESISTANCE : OVER 100Ω. Dc500VM
- WITHSTAND VOLTAGE : AC 1500V / 1MINUTE
- CONTACT POINT LIFE : 1000K Cycle
- BELLOWS LIFE : 500K Cycle
- TEMPERATURE OF FLUID : Max. 100°C(212°F)

### Shape Dimension

