



RSF40 Series

Compact Internal fitting



- **Compact design**
- **Available in Nylon, Polypropylene or PPS**
- **25VA & 100VA versions**
- **Many variants are UL recognised components File No. E171218**
- **WRAS Approved versions**

The RSF40 series is designed as a compact internal fitting device, with a wide range of options, making this ideal for size sensitive applications. Mounting of this series requires access to the inside of the tank.

Typical applications include vending machines, commercial washing machines and evaporator units.

They are manufactured in a variety of materials with a choice of gasket materials, to suit most commonly used liquids.

The switch action may be reversed by rotating the device through 180°.

Technical Specification	RSF43	RSF44	RSF48	RSF46
Material	Nylon	Polypropylene WRAS approved	Polypropylene UL approved	Polyphenylene Sulphide (PPS)
Colour	Black	Opaque	White	Grey
Temp. Range °C	-20 / +75	-20 / +100	-20 / +100	-10 / +120 *
°F	-4 / +167	-4 / +212	-4 / +212	+14 / +248 *
Min. Fluid SG	0.85	0.85	0.85	0.85
Must close level (SG=1)	7mm	8mm	8mm	9mm
Must open level (SG=1)	20mm	20mm	20mm	24mm

* Maximum temperature requires ETFE cable to be specified.

Electrical Specification		25W (Y code)	100W (H code)
Contact Form		N/O (N/C)	N/O (N/C)
Switching Power Max	VA	25	100
Switching Voltage AC Max	V	240	300
Switching Voltage DC Max	V	120	300
Switching Current Max	A	0.6	1

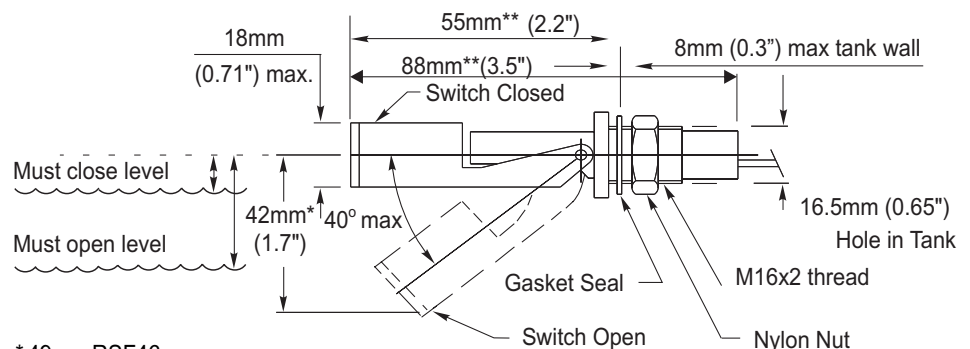
All ratings are for resistive load only.

Standard Parts	Material	Temperature	Max Power	Leadouts	Gasket	Approvals
RSF43H100RF	Nylon	-20°C to +75°C	100VA	100cm PVC 16/0.2	Nitrile	WRAS
RSF43Y100RF	Nylon	-20°C to +75°C	25VA	100cm PVC 16/0.2	Nitrile	WRAS
RSF44H100RF	PP	-20°C to +100°C	100VA	100cm PVC 16/0.2	Nitrile	WRAS
RSF44Y100RF	PP	-20°C to +100°C	25VA	100cm PVC 16/0.2	Nitrile	WRAS
RSF46H050TG	PPS	-20°C to +120°C	100VA	50cm ETFE 19/0.2	Viton	WRAS & UL
RSF46H100RF	PPS	-20°C to +100°C	25VA	100cm PVC 16/0.2	Nitrile	WRAS & UL
RSF46Y050TG	PPS	-20°C to +120°C	25VA	50cm ETFE 19/0.2	Viton	WRAS & UL
RSF46Y100RF	PPS	-20°C to +100°C	25VA	100cm PVC 16/0.2	Nitrile	WRAS & UL
RSF48H100RF	PP (UL)	-20°C to +100°C	100VA	100cm PVC 16/0.2	Nitrile	UL
RSF48Y100RF	PP (UL)	-20°C to +100°C	100VA	100cm PVC 16/0.2	Nitrile	UL

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

Mechanical Dimensions

All dimensions are in millimeters (inches)



* 49mm RSF46

** Add 10mm to dims, RSF46

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