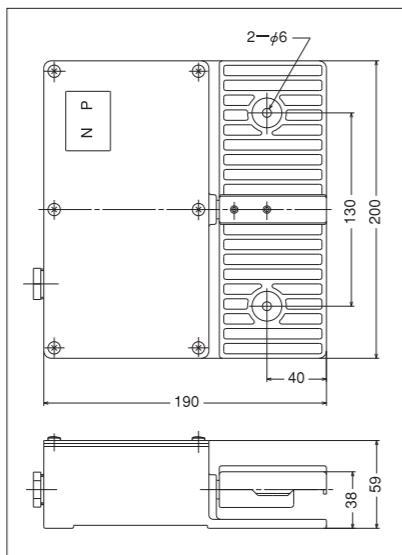


FS Series

FS is seesaw pedal style that there is a fulcrum made in die-cast aluminum in pedal center and can transform action form in the cam of inclusion.

Rainproof seesaw style

• OFL-TW-FS Type (Center fulcrum)



Features

- ①~④ can be acted by inclusion cam transfer.
- Most appropriate for operation such as positive rotation, backspin, uplift, and descent.
- Rainproof, oiltight, drip-proof structure.

⚠ Replacement of the Can and Wiring Considerations

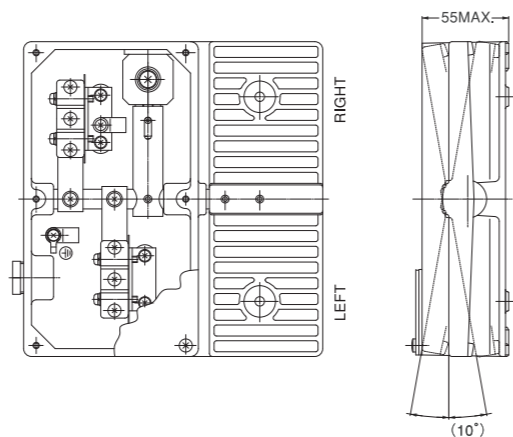
1. Loosen the cam tightening screw (M6) using a Phillips screwdriver to detach the cam. Set the cam in place on the side in question. Tighten the screw to a torque of 118 N to finish the work.
2. Procure the cord separately. (VCT equivalent with a diameter of φ8 to φ11)
3. Tighten the cord lead-out in place using the included seal connector (G1/2 screw).
4. Fix the internal wiring in place using a clamp to avoid contact with movable parts.

Seesaw style with protector cover

• OFL-TW-FSC Type • OFL-4V-FSC Type



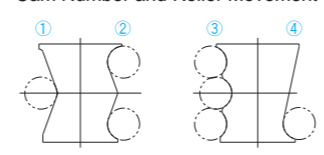
• OFL-TW-FS Type



◆ Cam Numbers and Workings

- ① 3-position free return (standard spec). The pedal is normally level; a step on its right side causes the left switch to go on while a step on its left side causes the right switch to go on.
- ② 2-position retention. A step on either left or right causes the switch to go on, and the resulting position is held (locked).
- ③ 3-position retention. A step on either left or right causes the switch to go on. (The switch may be configured so that the resulting position may be level.)
- ④ 2-position. The pedal normally moves (tilts) down on its right side. (The switch may be configured so that it may also move down on its left side.)

Cam Number and Roller Movement



■ FS series

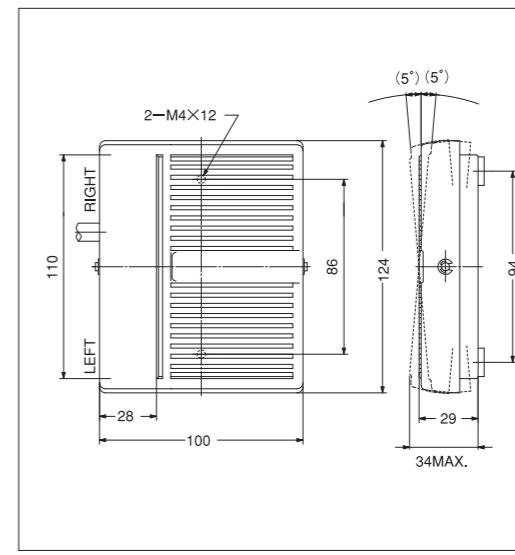
Type	Function		Rating	Switch	Contact	VCTF cord	Operating force N	Weight Kg	IP class
	Momentary	Alternate							
OFL-TW-FS	●	●	6A-250VAC	MICRO Switch Z	1c for each side	Special order (Applicable sheath outside diameter: φ8~φ11)	25 (2.6kgf)	2.2	54
OFL-TW-FSC	●	●	6A-250VAC	MICRO Switch Z	1c for each side				
OFL-TVG-FS	●	●	0.1A-30VDC	V	1c for each side				
OFL-TVG-FSC	●	●	0.1A-30VDC	V	1c for each side				
OFL-4V-FS	●	●	6A-250VAC	V	2c for each side				
OFL-4V-FSC	●	●	6A-250VAC	V	2c for each side	29	2.2	3.3	

FS2 Series

FS2 is made in ABS resin and is seesaw style pedal switch for perfect small size device to electronic digitalization era.

Seesaw style for small size device

• OFL-TV-FS2 Type (Center fulcrum)

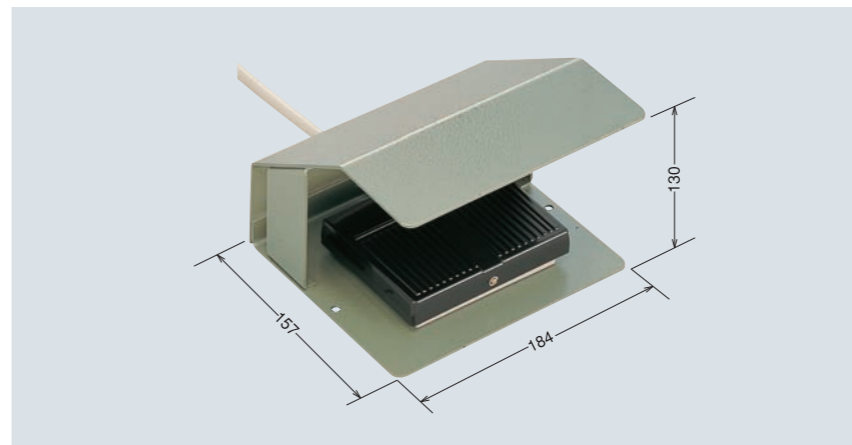


Features

- It is seesaw pedal style for a device of the small size, a thin model.
- Most appropriate for operation such as positive rotation, backspin, uplift, and descent.
- Design up for plate display space existence, OEM is easy, too.
- Operation power (stillness load for 1 minute) of 1,000 N is withstood made in ABS resin.
- Low cost type

With seesaw style protection cover

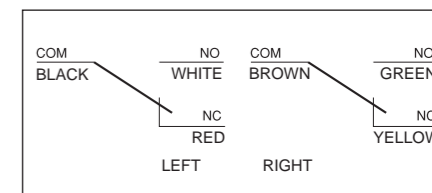
• OFL-TV-FS2C Type • OFL-4V-FS2C Type



Features

- Most appropriate to operation of electro magnet switch and 2 circuits.

◆ Contact and sender wire classification by color
Each side SPDT



■ FS2 series

Type	Protection Cover TC	Function Momentary	Rating	Switch	Contact	VCTF cord	Operating force N	Weight g
OFL-TV-FS2	—	●	6A-250VAC	MICRO Switch V	1c for each side	0.75mm ² 6c 1.5m	10 (1.0kgf)	290
OFL-TV-FS2C	○	●	6A-250VAC	V	2c for each side	Special order (Applicable sheath outside diameter: φ9)		1,790
OFL-4V-FS2	—	●	6A-250VAC	V	2c for each side	Special order (Applicable sheath outside diameter: φ9)		180
OFL-4V-FS2C	○	●	6A-250VAC	V	2c for each side	Special order (Applicable sheath outside diameter: φ9)		1,790

■ Seal structure switch inclusion type

(IP class as indicated or equivalent)

Type	Protection Cover TC	Function Momentary	Rating	Switch	Contact	VCTF cord	Operating force N	Weight g
OFL-TVG5-FS2	○	●	0.1A-30VDC (Minimum Load 5mA-6 2mA-12 VDC 1mA-24)	(IP50) V (gold clad contact)	1c for each side	0.75mm ² 6c 1.5m	10 (1.0kgf)	290
OFL-4VG5-FS2	○	●	0.1A-30VDC (Minimum Load 5mA-6 2mA-12 VDC 1mA-24)	(IP50) V (gold clad contact)	2c for each side	Special order (Applicable sheath outside diameter: φ9)		190

※ If marked ○, the type permits the use of the cover.