

# SMS1QF Wiring Diagram



**IMPORTANT: This product is designed for one time use only**

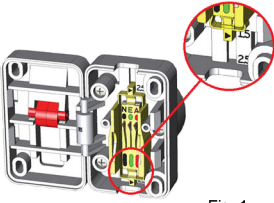


Fig. 1

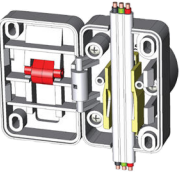


Fig. 2



Fig. 3



Fig. 4



Fig. 5

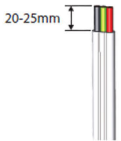


Fig. 6

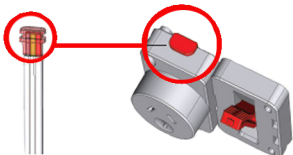


Fig. 7

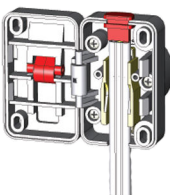


Fig. 8

## STEP 1

Identify the cable size that the inline socket is being installed on. The SMS1QF is designed to be installed with either 1.5mm or 2.5mm STRANDED SOFT SHEATH 3 core flat cable.

## STEP 2

Remove the plastic gromets from housing clips.

## STEP 3

The SMS1QF cable guide comes preset for 1.5mm cable. If using 2.5mm cable, the cable guide should be positioned with the arrow parallel to the 2.5mm indicator (Figure 1)

## STEP 4

Insert the cable over the guide ensuring that the neutral conductor is positioned on the left side of the guide matching the N symbol (Figure 2) Please note the colour code markings on the cable guide.

## STEP 5

Ensure the rotating lever on the rear cover is in the open position. Close the rear housing cover ensuring the cover 'clicks' closed (Figure 3)

## STEP 6

Hold the SMS1QF in the palm of your hand by grasping the front cover and closing the rear housing with the other hand, ensuring the cable remains flat in the cable guide (Figure 4)

## STEP 7

Rotate the lever on the rear housing until it snaps shut into the rear housing (Figure 5) The cam on the lever will ensure that the socket terminal pins will pierce the cable. Screw the housing to a solid base using the screw holes provided.

## LINE END TERMINATION

**To correctly terminate the last SMS1QF on any circuit, the following procedure needs to be completed.**

Terminating the last SMS1QF on a single circuit will require the attachment of the plastic termination grommet in order to protect the cable cores safely.

## STEP 8

Strip 20-25mm of the outer sheath, exposing the inner cable cores (Figure 6)

## STEP 9

Insert the individual cable cores into the grommet holes. The grommet must have the radiused corners facing the front of the socket (Figure 7)

## STEP 10

Insert the cable with the grommet attached as shown in Figure 8 and ensure the grommet is locked into position.. Repeat step 5-7.



### **For 100% successful connection, follow these simple do's and don'ts:**

- We recommend using TPS Cable that has the active conductor identified on the outer sheath such as a tracer mark. In the event you are using cable where you must identify the inner conductor orientation, do not strip more cable than is necessary.
- When installing the product, always ensure that you maintain visual contact with the cable in the cable guide to ensure that the cable remains flat in the cable guide when closing the housing. NEVER attempt to install the product with the socket outlet facing you.
- When using 2.5mm cable, the sliding base must be changed accordingly.
- When inserting the cable into the sliding base, make sure the cable has been straightened out and is flat when inserted. If the cable is not straight or has not been inserted flat, the pins will not properly align with the cable, meaning unsuccessful termination.
- When closing the housing, the product must click shut, otherwise, termination will not be achieved.
- When rotating the lever, it must click into position. If the lever does not click shut, termination will not be achieved.
- In the event that some of the outer insulation has been removed from the cable to expose the orientation of the inner conductors, always ensure that the exposed cable has been positioned outside the sliding base but within the housing itself, otherwise you will compromise the integrity of the connection.
- If you are using the end termination grommet, do not put the square side of the grommet in the housing. The curved side must be inserted into the housing.

For videos on how to wire the SMS1QF correctly, please visit:

[www.connectedswitchgear.com.au](http://www.connectedswitchgear.com.au)