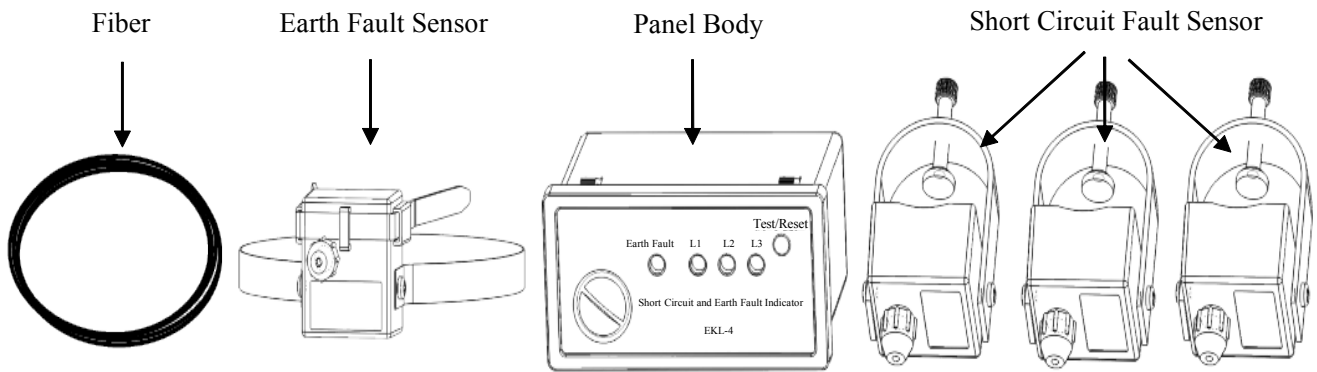


Panel Type Short Circuit and Earth Fault Indicator Installation Instruction



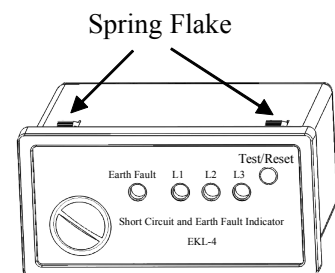
◆ Functions

- 1, Short circuit fault alarm indication: The short circuit fault sensor sense the line current of the power systems normally. When the line short fault occur, and the short fault current is over the setting alarm current value, the sensor send alarm signal over the fiber line, the panel body receive the alarm signal and give the corresponding indication, for example the short circuit fault indicator light flash and the dry contacts give the output.
- 2, Earth fault alarm indication: The earth fault sensor sense the zero sequence current of the power systems. When the earth fault occur, and the zero sequence current is over the setting alarm current value, the sensor send alarm signal over the fiber line, the panel body receive the earth fault alarm signal and give the corresponding indication, for example the earth fault indicator light flash and the dry contacts give the ourput.
- 3, Automatically reset: When the indicator alarm, the alarm signal will reset of itself in setting reset time.
- 4, Manually reset: When the indicator alarm, the alarm signal will be reset by press the Test/Reset button on the Panel.
- 5, Automation: When the indicator alarm, the alarm signal can be translated to the remote monitor centerl.
- 6, Test: The indicator will test it self to judge if it's ok by press the Test/Reset button on the Panel.

◆ Installiion

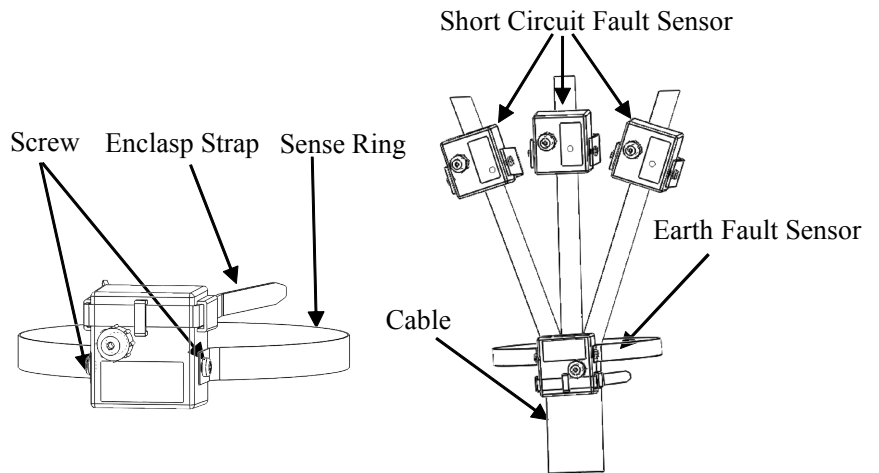
- 1, Panel body installation:

Panel body size: 96×49×85mm;Installation hole size: 91mm(Long)×43mm(width).
Press the four spring flakes on the panel body, push the panel body into the installation hole, then release the spring flakes.



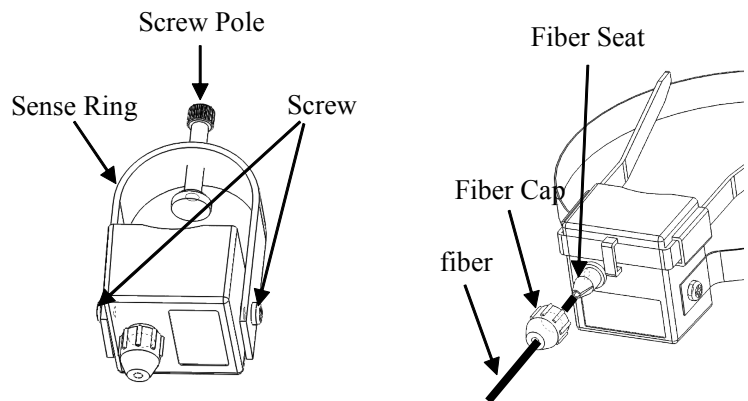
2, Installation of earth fault sensor:

The earth fault sensor must be installed on the three cores sections of the cable. Loose and take down the screw, let the cable through the sense ring, screw the sense ring to the sensor again. Then fasten the enclasp strap, fix the sensor to the cable tightly.



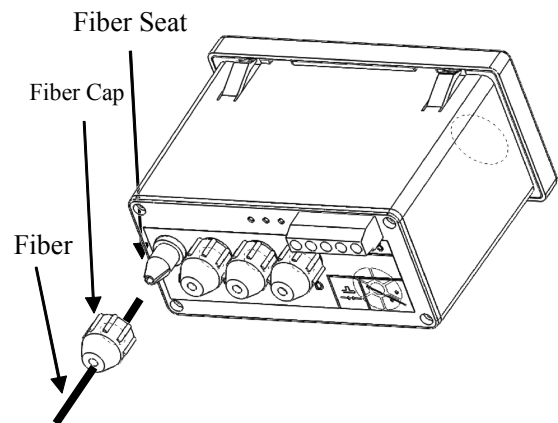
3, Installation of short circuit fault sensor:

The short circuit fault sensor must be installed on the single phase cable. Loose and take down the screw, let the cable through the sense ring, screw the sense ring to the sensor again. Screw on the screw pole toward the cable, fix the sensor to the cable tightly.



4, The connection of the fiber:

After the installation of the sensors and the panel body, connect sensors and the panel body using the fibers. Insert the fiber to the fiber seat through the fiber cap, screw the fiber cap on the fiber seat, fix the fiber.



5, Remote dry contacts connection.

For the dry contacts on the rear of the panel body, the alarm signals can be sent to the remote monitor center, also can be reset by the remote monitor.

