



### WARNING

Dangerous voltages may occur in devices and modules during operation depending on the design and application. Incorrect use of the devices can therefore result in severe personal injury or substantial damage to property.

Only suitably qualified staff should work on this device. Correct and safe operation of this device is dependent on proper handling, installation, operation and maintenance.

Should you require further information, or should particular problems occur which are not handled in sufficient depth in the instructions of the respective product, help can be requested through your local Siemens Office or representative.

### Unpacking and Inspecting the Delivery

SICAM FSI has been safely packed for transport in the factory. Before unpacking the device, check for the ordered MLFB from the packaging label for SICAM FSI or SICAM FSI with integrated communication.

### Preparing SICAM FSI for Installation

SICAM FSI shipped from the factory is fitted with the battery. Battery wire is disconnected from the printed circuit board assembly (PCBA) and 3-pin (Y6) jumper pin is kept in OFF position on energy storage capacitor (ESC) to save the battery life.

Before mounting the device on the MV overhead line and before configuring the device, ensure that the battery wire is connected to the PCBA as shown in Figure 1-1 and switch the 3-pin (Y6) jumper pin from OFF to ON position on ESC as shown in Figure 1-2.

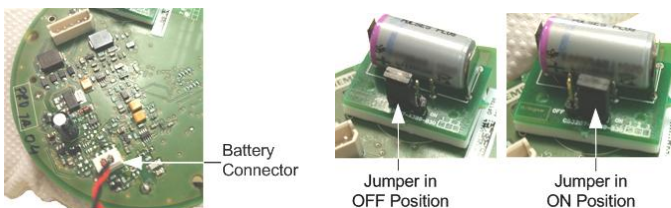


Figure 1-1 Battery Connector      Figure 1-2 3-Pin (Y6) Jumper Pin

For more information about connecting the battery wire and 3-pin (Y6) jumper pin to the device, refer to the SICAM Fault Sensor Indicator Manual.

Table 1-1 Recommended Screw Driver

Item	Manufacturer Model Number
Screw driver	<ul style="list-style-type: none"> <li>Tip size 2</li> <li>Crosshead screw driver</li> <li>#2 Phillips screw driver</li> <li>P6 862 200 and P6 862 250 from Taparia</li> <li>311 15 and 311 17 from Wiha Tools</li> </ul>

### QR Code (SICAM FSI with Integrated Communication)

Scan the QR code pasted on the device with the QR code scanner.



For the QR code scanning process and commissioning (pairing) the communication between SICAM FCG and SICAM FSI devices, refer to the SICAM Fault Sensor Indicator Manual.

Table 1-1 Recommended QR Code Scanner

Item	Manufacturer Model Number
QR code scanner	Honeywell QR code scanner (Xenon 1902)

### SICAM FSI Web Configurator/Settings and Parameterization

For the proper device operation, configure the device with the mandatory parameters such as rated voltage, current threshold, power frequency, and other parameters.

The device configuration can be performed with the SICAM FSI web configurator by connecting the USB connector of the UART cable to the USB port of the PC or laptop computer.

For more information about SICAM FSI web configurator installation, settings, and parameterization, refer to the SICAM Fault Sensor Indicator Manual.

### Self Test using Magnet Adaptor

After mounting the device on the MV overhead line, enable the self-test mode.

You can enable the self test by placing the magnet adaptor (MLFB: 6MD2318 - 4MA04) within 2 cm to 3 cm near to the device transparent cover for approximately 1 s.

As a result of the successful self test, the LED flashes in clockwise direction and the LED blinking pattern is repeated for 5 times.

### SICAM FSI Mounting and Unmounting

SICAM FSI can be mounted on a live MV overhead line ranging from 3.3 kV to 66 kV with the help of a hot stick with shotgun or hot stick (telescopic) with device adaptor (MLFB: 6MD2318 - 4MA05).

Follow the safety instructions before mounting and unmounting the SICAM FSI on the MV overhead line.

To mount and unmount the SICAM FSI on the MV overhead line, refer to the SICAM Fault Sensor Indicator Manual.

### SICAM FSI Firmware Installation and Update

You can download and update the latest SICAM FSI firmware from the following SIEMENS intranet:

[www.siemens.com/sicam](http://www.siemens.com/sicam)

### Do's and Don'ts

- For more information about installation and technical specifications, refer to the SICAM Fault Sensor Indicator Manual.
- Before mounting the device, ensure that all the pre-requisites are met and proper safety precautions are followed.
- Do not attempt to remove the SICAM FSI from the MV overhead line without following the proper safety precautions.

### SICAM FSI User Documentation

You can download the latest SICAM FSI user documentation from the following SIEMENS website:

[www.siemens.com/sicam](http://www.siemens.com/sicam)

### Troubleshooting

For more information about the troubleshooting, refer to the SICAM Fault Sensor Indicator Manual.

### Customer Support

For enquires please contact our customer support center:

Phone: +49 (180) 524 7000 (24hrs)

Fax: +49 (180) 524 2471

E-mail: [support.energy@siemens.com](mailto:support.energy@siemens.com)

English: [Link to the SICAM FSI website and QR Code](http://www.siemens.com/sicam)

[www.siemens.com/sicam](http://www.siemens.com/sicam)

