Working safely with the stationary SIVIS® camera system

The stationary SIVIS® camera system for the 3AP1 DTC, makes it possible to quickly and easily check the disconnector and earthing switch module positions. The system is a complementary solution for already existing position indicators on earthing disconnector operating mechanisms. Thanks to its space-saving design, the system can be integrated in the DTC control cabinet and can be easily operated from there.

The cameras are mounted directly on the inspection window of the disconnector and earthing switch modules. An additionally installed LED lighting improves the view of the contacts.

A camera cable, which is protected from the effects of the weather by a corrugated tube, connects the cameras to the camera control system in the control cabinet. Plug connectors on the end of the cable ensure simple and quick connection to the control board.

Flexible camera cable lengths from up to 20 m make it possible for us, depending on the individual requirements of your switchgear, to supply a stationary camera system for all of our DTC variants.

Advantages:

- Uncomplicated and simple visual monitoring of the disconnector and earthing switch position at any time
- Increased safety for service and maintenance personnel
- Integrated galvanic separation on the camera control board protects the secondary equipment of the compact switchgear
- Quick monitoring of up to 18 positions
The components of the stationary camera system are:

- Up to six camera assemblies per pole (up to 18 cameras in total)
- The control cabinet unit for switching between camera images using rotary selector switches
- The LCD display installed in the control cabinet for camera image visualisation

Up to 18 cameras can be connected to the camera system control board and monitored.

There are two rotary selector switches for camera selection, one for defining the pole, one for defining the disconnector or the earthing switch. A view of the current position appears on the integrated LCD display for the respective camera.

The monitoring of the disconnector, earthing switch and high speed earthing switch positions is made easy for your maintenance and service personnel during maintenance. The stationary SIVIS® camera system thus further improves the safety standards of your switchgear.

And all that regardless of the respective switchgear requirements or weather conditions, just as you have come to expect from the 3AP1 DTC and other Siemens switchgear.