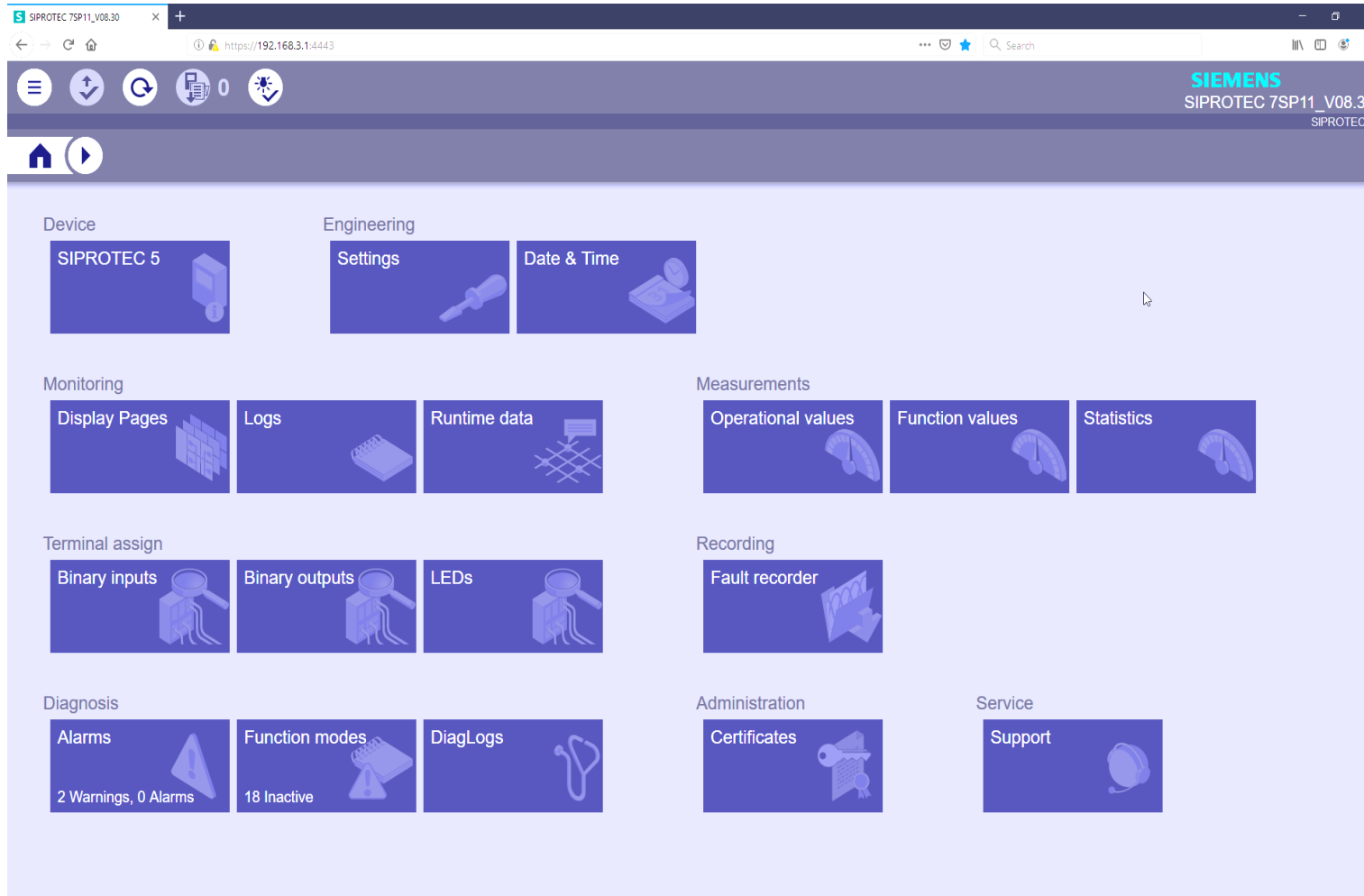


# SIPROTEC 5 – V08.30

## Web Browser

# Web Browser

## Easy, fast and secure access to device



## Monitoring:

- Logs and Measurements
- Centralized view on warnings, alarms and inactive functions
- Device diagnosis data

## Download of:

- Logs as CSV or COMFEDE files
- Records as COMTRADE files

## Secure:

- https connection
- Access defined per port
- Controlled by RBAC

# Web Browser

## Easy, fast and secure access to device

**SIEMENS**  
Ingenuity for life

| Fault number | File Name | Trigger Date | Trigger Time | State      |
|--------------|-----------|--------------|--------------|------------|
| 1            | FRA00001  | 2019-03-27   | 08:57:10.709 | Downloaded |
| 2            | FRA00002  | 2019-03-27   | 14:25:29.669 | Downloaded |
| 3            | FRA00003  | 2019-03-27   | 14:31:30.661 | New        |

Definite-T2 Settings:

- Mode: off
- Operate fit rec. blocked: no
- Measured value: phase-to-phase
- Method of measurement: fundamental comp.
- Pickup mode: 1 out of 3
- Threshold: 130.000 V
- Dropout ratio: 0.95
- Operate delay: 0.50 s

Operational values:

|        |          |       |        |          |       |        |          |      |
|--------|----------|-------|--------|----------|-------|--------|----------|------|
| Vph-A  | 57.698 V | 0°    | Iph-A  | 0.999 A  | 0°    | Vpp-AB | 99.943 V | 30°  |
| Vph-B  | 57.702 V | -120° | Iph-B  | 1.000 A  | -120° | Vpp-BC | 99.942 V | -60° |
| Vph-C  | 57.696 V | 120°  | Iph-C  | 1.000 A  | 120°  | Vpp-CA | 99.926 V | 150° |
| Iseq-0 | 0.000 A  | 0°    | Vseq-1 | 57.699 V | 0°    | Vseq-2 | 0.000 V  | 0°   |
| Iseq-1 | 1.000 A  | 0°    |        |          |       |        |          |      |
| Iseq-2 | 0.000 A  | 0°    |        |          |       |        |          |      |

Single-line diagram showing components: 7SL86, DC1, DC2, DC3, CB1.

Operational log (50 of 162 logs loaded):

| Date       | Time         | Functions structure                | Name                                | Value |
|------------|--------------|------------------------------------|-------------------------------------|-------|
| 18.04.2018 | 16:39:59.891 | Circuit breaker 1                  | 74TC sup.1Bl 1:Trip-circuit failure | on    |
| 18.04.2018 | 16:35:10.077 | Vl 1ph 1:Rotor gnd. fault -1 1     | General:Failure RGF frated          | on    |
| 18.04.2018 | 16:35:03.369 | E:ETH-BA-ZEL:Channel 1             | Line Mode:Redund. Channel Live      | on    |
| 18.04.2018 | 16:35:03.346 | E:ETH-BA-ZEL:Channel 1             | Line Mode:Channel Live              | on    |
| 18.04.2018 | 16:35:00.088 | Generator stator:SGF 90% MP-1ph 1  | General:Health                      | ok    |
| 18.04.2018 | 16:35:00.079 | Generator stator:81 Underfreq -A 1 | General:Undervoltage blocking       | on    |
| 18.04.2018 | 16:35:00.079 | Generator stator:81 Overfreq -A 1  | General:Undervoltage blocking       | on    |
| 18.04.2018 | 16:35:00.079 | Generator stator:32R Revers.pow. 1 | General:Undervoltage blocking       | on    |
| 18.04.2018 | 16:35:00.079 | Generator stator:SGF 90% MP-1ph 1  | General:Health                      | alarm |
| 18.04.2018 | 16:34:59.919 | Recording                          | Grnd-ft log:Fault number            | 0     |

## Recording:

- Download, Delete and Trigger of Fault Records

## Parameterization:

- Change of settings within an active setting-group

## Display of:

- Indication of all information
- Vector diagrams of energizing quantities
- **NEW** Single line diagrams and device display pages
- Device diagnosis data