

## Connection / transformer

Network type : Four-wire three-phase unbalanced

### Voltage inputs:

Device measurement range L-N : 0 to 276V  
Device measurement range L-L : 0 to 480V  
Transformer : No

### Current inputs:

Device measurement range : 0 to 6.00A  
Transformer : Yes  
secondary : 5.00A  
primary : 40.0A

### Basic screen settings:

Number: : 1  
Interval : Off  
Illumination : 2min.  
Contrast : 3

### Screen contents:

#### Screen no. 1:

Screen type : Vector diagram

### Binary outputs:

#### Binary output no. 1:

Contents : Off

#### Binary output no. 2:

Contents : Off

### Binary inputs:

### Analog outputs:

#### Slot nr. 1:

Measured value 1 : Voltage,L1 from 0V to 1.00V  
Measured value 2 : Voltage,L1 from 0V to 1.00V  
Current range : 0...20 mA

### Analog inputs:

### General settings:

Language : English  
Measured value designation: : L1/L2/L3  
Power calculation : Standard  
Current direction : Standard  
Power direction : Load  
Zero point : 1.00 %

### Counter assignment:

Counter1 : limit value group1  
Counter2 : limit value group2  
Counter3 : limit value group3  
Counter4 : limit value group4

### Device code:

Code1 : ---  
Code2 : ---

### Limit value groups:

#### Limit value group 1:

Condition : (Voltage L1 < 0V)

Filter time : 1.0 s  
Hysteresis : 1.0 %

**Limit value group 2:**

Condition : (Voltage L1 < 0V)  
Filter time : 1.0 s  
Hysteresis : 1.0 %

**Limit value group 3:**

Condition : (Voltage L1 < 0V)  
Filter time : 1.0 s  
Hysteresis : 1.0 %

**Limit value group 4:**

Condition : (Voltage L1 < 0V)  
Filter time : 1.0 s  
Hysteresis : 1.0 %

**Limit value group 5:**

Condition : (Voltage L1 < 0V)  
Filter time : 1.0 s  
Hysteresis : 1.0 %

**Limit value group 6:**

Condition : (Voltage L1 < 0V)  
Filter time : 1.0 s  
Hysteresis : 1.0 %

**Limit value group 7:**

Condition : (Voltage L1 < 0V)  
Filter time : 1.0 s  
Hysteresis : 1.0 %

**Clock change:**

Summer time start : --  
Summer time end : --

**Memory Management**

Mean values : 20%  
Power values : 20%  
Oscilloscope : 20%  
Limit violations : 20%  
Binary states : 20%

**Recording of Mean Values:**

Measured value1 : Voltage,L1  
Measured value2 : Voltage,L1  
Measured value3 : Voltage,L1  
Measured value4 : Voltage,L1  
Measured value5 : Voltage,L1  
Measured value6 : Voltage,L1  
Measured value7 : Voltage,L1  
Measured value8 : Voltage,L1  
Ring buffer mode : no  
Start limit value : Off  
Averaging time : 5 s  
Storage interval : 5 s  
Start time : ---

**Recording of Power Values:**

Ring buffer mode : no  
Start limit value : Off  
Period time : 15 min  
Start time : ---

**Recording of Oscilloscope:**

Ring buffer mode : no  
Type of values : Instantaneous values  
Start limit value : manually  
Storage period : 1 s

**Recording of limit value groups:**

Limit value group1 : Off  
Limit value group2 : Off  
Limit value group3 : Off  
Limit value group4 : Off  
Limit value group5 : Off  
Limit value group6 : Off  
Limit value group7 : Off

**Recording of binary states:**

Binary output1 : Off  
Binary output2 : Off

**Device connection:**

Baud rate : 115200  
Parity : None  
Device address : 21  
Protocol : Modbus RTU