Class A power quality analyser with RCM

Type:
UMG 512

Special features

Power quality
• Harmonics up to 63rd harmonic, even / uneven
• Flicker measurement
• Short interruptions (from 10 ms)
• Transient recorder (> 39 ms)
• Starting currents (> 10 ms)
• Unbalance
• Half-wave RMS value recordings (up to 11 minutes)
• Events presentable in waveform

2 digital inputs
• Pulsed input
• Logic input
• Condition monitoring
• HT / NT switchover

2 digital outputs
• Pulsed output kWh / kvarh
• Switching output
• Limit value output
• Logic output

Temperature measurement input
• PT100, PT1000, KTY83, KTY84

RCM - Residual Current Monitoring
• 2 residual current inputs

Network visualization software
• GridVis®-Basic (included in scope of delivery)

You will find a detailed device description and the related catalog pages under: www.mueller-ziegler.com

Price

UMG 512
Overview of the devices
Three-wire/four-wire energy meter; current transformer .../1/5 A, including programming and evaluation software GridVis®-Basic

| Supply voltage | 95 - 240 V AC, 80 - 260 V DC | ±10 % of nominal range |
| 4 voltage & 4 current inputs | 2 residual current inputs (RCM) with failure monitoring | 2 digital inputs & 2 digital outputs |
| 1 temperature measuring input | Memory: 256 MB Flash |
| 2 digital outputs | Home power Quality Instantaneous consumption |
| Interfaces | RS485 |
| Ethernet 100 base T | Profibus DP/VA | DSub-connector * |
| Dimensions in mm (H x W x D) | 144 x 144 x approx. 81 |
| Weight in kg | approx. 0.1 |
| Type | UMG 512 |
| Item No. | 52.17.001 |
| Price on request! | |

Option for the devices

BACnet communication

BACnet 52.17.081