Universal measuring instruments

20 channel branch circuit monitoring device with RCM

Type:
UMG 20 CM

Special features

Power quality
- Harmonics up to 63rd harmonics (analysis channel)
- Crest factor / total harmonic distortion (THD)
- Min / Max value for currents with time stamp
- Limit value for each current channel / limit value bit

Interfaces / Communication
- RS485
- Modbus RTU

Measuring accuracy
- Active energy: Class 1
- Current: 0.5 %
- Voltage: 0.5 %

20 Current measuring channels
- True RMS value measurement
- High sampling rate with 20 kHz
- Normal current or RCM measurement (Residual Current Monitor)

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

2 digital outputs (open collector)
- Pulsed output kWh / kvarh
- Relay / PLC inputs

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

UMG 20CM
Overview of the devices
including programming and evaluation software GridVis®-Basic

<table>
<thead>
<tr>
<th>Operating voltage 90 – 270V AC/DC</th>
<th>Evaluation range of the normal current 0 – 600 A</th>
<th>Evaluation range of the residual current 10 – 1000 mA</th>
<th>20 current measurement inputs</th>
<th>4 voltage measurement channels</th>
<th>2 digital outputs</th>
<th>Internal RS485 interface</th>
<th>Dimensions in mm (H x W x D)</th>
<th>Weight in g</th>
<th>Price on request!</th>
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<td>90 x 105 x approx. 73</td>
<td>270</td>
<td>UMG 20CM 14.01.625</td>
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