### Power quality analysers for top hat rail

**Type:**

UMG 605

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**Special features**

**Communication**
- Profibus (DP / V0)
- Modbus (RTU, UDR, TCP, Gateway)
- TCP/IP
- BACnet (optional)
- HTTP (freely configurable Homepage)
- FTP (File-Transfer)
- TFTP (automatic configuration)
- NTP (time synchronization)
- SMTP (E-mail function)
- DHCP
- SNMP

**Interfaces**
- Ethernet
- RS232
- RS485 (Modbus and Profibus)

**Measuring accuracy**
- Energy: Class 0.5 S (… / 5 A)
- Current: 0.2 %
- Voltage: 0.2 %

**Peak demand management (optional)**
- Up to 64 switch-off stages

**Power quality**
- Harmonics up to 63rd harmonic, even / uneven
- Flicker measurement
- Short unterruptions (from 20 ms)
- Transient recorder (> 50 μs)
- Starting currents
- Unbalance
- Half-wave rms value recordings (up to 4.5 minutes)

**Networks**
- IT-, TN-, TT-networks
- 3-phase and 4-phase networks
- Up to 4 single-phase networks

**Measuring data memory**
- 128 MB Flash

**Programming language**
- Jasic®

**2 digital inputs**
- Pulsed input
- Logic input
- Condition monitoring
- HT / NT switchover
- Emax reset

**2 digital outputs**
- Pulsed output kWh / kvarh
- Switching output
- Limit value output
- Emax output
- Logic output
(expandable via external I/O modules)

**2 digital outputs**
- Pulsed output kWh / kvarh
- Switching output
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- Emax output
- Logic output

**Temperature measurement input**
- PT100, PT1000, KTY83, KTY84

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

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You will find a detailed device description and the related catalog pages under: www.mueller-ziegler.com
### UMG 605

**Overview of the devices**

Three-wire/four-wire energy meter; 50/60Hz; current transformer .../1/5 A, including programming and evaluation software GridVis®-Basic

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<tr>
<th>Supply voltage</th>
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**Optional for all device variants**

- Application program Emax function (peak load optimization)
- BACnet communication

**Price**

- Emax: $2.16.084
- BACnet: $2.16.083

### UMG 605 (UL)

**Overview of the devices**

Three-wire/four-wire energy meter; 50/60Hz; current transformer .../1/5 A, including programming and evaluation software GridVis®-Basic

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**Optional for all device variants**

- Application program Emax function (peak load optimization)
- BACnet communication

**Price**

- Emax: $2.16.084
- BACnet: $2.16.083