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Janitza



Garanti: 12 ay

Bu ürüne ait Türkiye içi kapı teslim fiyat ve teslim süresi içeren teklifimizi almak için **info@yursat.com.tr** e-posta adresine ya da www.yursat.com.tr/iletisim adresindeki iletişim formu üzerinden bizlere ulaşabilirsiniz.

Janitza Markası, tedarik süresi için lütfen bizimle iletişime geçiniz.

Firmamız Janitza Türkiye Distribütörü veya temsilcisi değildir. Firmamız sipariş durumunda, belirtilen ürünlerde sadece Orjinal ve yeni ürün teklifi sunmaktadır. Bu sitede gösterilen Özel marka adları ve ticari markalar ilgili sahiplerinin mülkiyetindedir, talep durumunda kaldırılmaktadır.

Ürün	Açıklama
5222062	
Umg 96rm-E, 90-277v, Ul	Energy meter UMG 96RM-E with Ethernet and RCM, (UL) Supply voltage 90V..277V (50 / 60Hz); 90V..250V DC, 300V CATIII Voltage measurement, measurement category 300V CATIII, 3 voltage measurement inputs (L-N: 20V-300V; LL: 34V- 520V; 45Hz-65Hz) 3 + 1 current measurement inputs 0..5A, response current 5mA, Measurement in three-phase 4-wire systems with grounded neutral conductor up to max. 277V / 480V, Measurement in ungrounded three-phase 3 Conductor systems up to max. 480V, Measurement in single-phase 3-wire systems up to Max. 220V-440V, Measurement in single-phase 2-wire systems up to Max. 220V, 2 digital outputs 3 digital inputs / outputs, configurable 2 analog inputs, optionally also as Temperature or Residual current measurement input (RCM) Clock and data storage (256 MB flash) Interfaces: Ethernet, RS485 Protocol: TCP / IP, Modbus RTU Accessories (included): 33.03.220 Installation instructions, Safety instructions and "Software GridVis" Getting started 52.22.251 fastening set with screws,
Umg 509-Pro Uh= 95-240v Ac	Power Analyser mit RCM Supply voltage: 95-240V (50-60Hz); 80 - 280V DC Installation category: 300V CATIII

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Ürün	Açıklama
	4 voltage measurement inputs, Measurement category: 600V CATIII Measurement in three-phase 4-wire systems up to 417V / 720V, Measurement in three-phase 3-wire systems up to 600V, Measuring range: L - N: 10 - 600V; 40 - 70Hz Measuring range: L - L: 18 - 1000V; 40 - 70Hz 4 current measurement inputs for current transformers ../1 or ../5A Measuring range: 0.001 .. 7Arms, 2 digital inputs, 2 digital outputs 1 temperature input, 2 RCM inputs Data storage: 256MB Flash, Interfaces: RS485, Profibus DP V0, Ethernet 10/100 BaseTX
Umg 512	
UMG512-PRO 95V-240V AC (UL)	5217011 Class A (IEC 61000-4-30) Power quality Analyzer with RCM Supply voltage: 95 - 240V (50 / 60Hz); 80 - 300V DC Installation category: 300V CATIII 4 voltage measurement inputs, Measurement category: 600V CATIII Measurement in three-phase 4-wire systems up to 417V / 720V, Measurement in three-phase 3-wire systems up to 600V, 4 current measurement inputs for current transformers ../1 or ../5A Current measuring range: 0.001 .. 7Arms, 2 digital inputs, 2 digital outputs 1 temperature input, 2 RCM inputs Data storage: 256MB Flash, Interfaces: RS485, Profibus DP V0, Ethernet 10/100 BaseTX Including web server and the following APPs: APP measured value monitor: graphic display of online & historical readings APP EN 50160 Watchdog PRO: Monitoring the voltage quality limit values according to EN 50160 APP IEC 61000-2-4 Watchdog PRO: Monitoring of the voltage quality Limit values according to IEC 61000-2-4 APP Push Service PRO: transmission of the Measurement data in cloud-based software solutions Programming software "GridVis Basic" download: www.janitza.de/gridvis-download.html Included: Art.Nr .: 5219301, 2 fastening clips Art.Nr .: 0801505, Cross-Patch-Kabel, CAT5e,

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Ürün	Açıklama
	2m, gray / green Art.Nr .: 3303336 Quick start UMG 512 including safety instructions including GridVis software Quick start UMG 512 ---------- Note: Alternative product, please technical check
UMG 96RM-E, 90-277V, UL	5222062 Energy measuring device UMG 96RM-E with Ethernet and RCM, (UL) Supply voltage 90V..277V (50 / 60Hz); 90V..250V DC, 300V CATIII Voltage measurement, measurement category 300V CATIII, 3 voltage measurement inputs (L-N: 20V-300V; LL: 34V- 520V; 45Hz-65Hz), 3 + 1 current measurement inputs 0..5A, response current 5mA, Measurement in three-phase 4-wire systems with a grounded neutral conductor up to max. 277V / 480V, Measurement in unearthed three-phase 3-conductor systems up to max. 480V, Measurement in single-phase 3-wire systems up to max. 220V-440V, Measurement in single-phase 2-wire systems up to max. 220V, 2 digital outputs 3 digital inputs / outputs, configurable 2 analog inputs, optionally also as Temperature or Residual current measurement input (RCM) Clock and data memory (256 MB Flash) Interfaces: Ethernet, RS485 Protocol: TCP / IP, Modbus RTU Accessories (included):
UMG103-CBM	UMG103-CBM for top hat rail 5228001 Universal measuring device UMG 103-CBM with clock, battery and measurement data memory (4MB) Device dimensions in mm (LxWxH): 46 x 71.5 x 98 Supply voltage: 115V ... 277V / 1.5VA Installation category: 300V CAT III Message in TN and TT networks Message from harmonics up to 40. 4 Expansion section Category: 300V CAT III Measurement in three-phase 4-wire systems up to 277V Measurement in three-phase 3-conductor systems up to 480V 3 current measurement inputs for current transformers Category: 300V CAT II Nominal current 5A / 1A (installation bar)

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Ürün	Açıklama
	Measuring range: 0.005 ... 6 Arms Data storage: 4MB Flash Interfaces: RS485 (Modbus RTU / slave) Accessories (inclusive): 33.03.345 Installation analysis incl. Safety instructions and 'Software-GridVis' Quick start 52.00.008 RS485 terminating resistor 120 ohm
512 A class	
UMG 509-PRO UH= 95-240V AC	5226001 Power analyzer with RCM Supply voltage: 95 - 240V (50 - 60Hz); 80 - 280V DC Installation category: 300V CATIII 4 voltage measurement inputs, Measurement category: 600V CATIII Measurement in three-phase 4-wire systems up to 417V / 720V, Measurement in three-phase 3-conductor systems up to 600V, Measuring range: L - N: 10 - 600V; 40-70Hz Measuring range: L - L: 18 - 1000V; 40-70Hz 4 current measurement inputs for current transformers ../1 or ../5A Measuring range: 0.001 .. 7Arms, 2 digital inputs, 2 digital outputs 1 temperature input, 2 RCM inputs Data storage: 256MB Flash, Interfaces: RS485, Profibus DP V0, Ethernet 10/100 BaseTX
PROPHI 12R	1416028 Reactive power controller for front panel installation, Janitza front and nameplate Measuring voltage L-N 30-440V, L-L 50-760V50 / 60 Hz Operating voltage 110 ... 440V +/- 10% Measuring current current transformer./1A ,./5A Relay version 12 stages Equipment: 1 Janitza operating instructions, German (English) 2 fastening clips
UMG 512-PRO - 95V-240V AC (UL)	5217011 Class A (IEC 61000-4-30) Power quality Analyzer with RCM Supply voltage: 95 - 240V (50 / 60Hz); 80 - 300V DC Installation category: 300V CATIII 4 voltage measurement inputs,

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Ürün	Açıklama
	Measurement category: 600V CATIII Measurement in three-phase 4-wire systems up to 417V / 720V, Measurement in three-phase 3-conductor systems up to 600V, 4 current measurement inputs for current transformers ../1 or ../5A Current measuring range: 0.001 .. 7Arms, 2 digital inputs, 2 digital outputs 1 temperature input, 2 RCM inputs Data storage: 256MB Flash, Interfaces: RS485, Profibus DP V0, Ethernet 10/100 BaseTX Including web server and the following APPs: APP measured value monitor: graphic display of online & historical readings APP EN 50160 Watchdog PRO: Monitoring the voltage quality limit values according to EN 50160 APP IEC 61000-2-4 Watchdog PRO: Monitoring of the voltage quality Limit values according to IEC 61000-2-4 APP Push Service PRO: transmission of the Measurement data in cloud-based software solutions
UMG 604 E-PRO 24V (UL)	5216222 Power Analyzer (UL) Supply voltage: 20 .. 50V (45-65Hz); 20th .. 70V DC Measurement category: 300V CATIII 4 voltage measurement inputs, 4 Current measurement inputs Measuring range: L - N: 10 -300V; L - L: 17-520V; 45-65Hz Current transformer: ../1, ../5A 2 digital inputs, 2 digital outputs 1 temperature measuring input Additional memory: 128MB Flash Interfaces: RS232, RS485 Interface: Ethernet 10/100 BaseTX
UMG 512-PRO UH=48..110V AC / 24..150V DC	5217003 Class A (IEC 61000-4-30) Power quality Analyzer with RCM Supply voltage: 48 - 110V (50 - 60Hz); 24 - 150V DC Installation category: 150V CATIII 4 voltage measurement inputs, Measurement category: 600V CATIII Measurement in three-phase 4-wire systems up to 417V / 720V,

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Ürün	Açıklama
	Measurement in three-phase 3-wire systems up to 600V, Measuring range: L - N: 10 - 600V; 15-440Hz Measuring range: L - L: 18 - 1000V; 15-440Hz 4 current measurement inputs for current transformers ../1 or ../5A Measuring range: 0.001 .. 7Arms, 2 digital inputs, 2 digital outputs 1 temperature input, 2 RCM inputs Data storage: 256MB Flash, Interfaces: RS485, Profibus DP V0, Ethernet 10/100 BaseTX
UMG 604 E-PRO 230V (UL)	5216202 Power Analyzer, (UL) Supply voltage: 95 .. 240V (45-65Hz); 135 .. 340V DC Measurement category: 300V CATIII 4 voltage measurement inputs, 4 Current measurement inputs Measuring range: L - N: 10 -300V; L - L: 17-520V; 45-65Hz Current transformer: ../1, ../5A 2 digital inputs, 2 digital outputs 1 temperature measuring input Additional memory: 128MB Flash Interfaces: RS232, RS485 Interface: Ethernet 10/100 BaseTX Including web server and the following APPs APP measured value monitor: graphic display from online & amp; historical readings APP IEC 61000-2-4 Watchdog Light PRO: Monitoring of the voltage quality Limit values according to IEC 61000-2-4
UMG 104 230V (UL)	5220201 Power analyzer, UMG104 (UL) Supply voltage: 95 .. 240V (45-65Hz); 135 .. 340V DC Measurement category: 300V CATIII 4 voltage measurement inputs, 4 Current measurement inputs Measuring range: L - N: 10 -300V; L - L: 17-520V; 45-65Hz Current transformer: ../1, ../5A 2 digital inputs, 2 digital outputs 1 temperature measuring input Additional memory: 4MB Flash Interfaces: RS232, RS485 Programming software "GridVis Basic" download: www.janitza.de/gridvis-download.html

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Ürün	Açıklama
	Included: Art.Nr .: 5200008, RS485 terminating resistor 120 ohms Art.Nr .: 3303305 Installation instructions UMG 104 including safety instructions and software GridVis quick start UMG 104
UMG103-CBM for the top hat rail	5228001 Universal measuring device UMG 103-CBM with clock, battery and measurement data memory (4MB) Device dimensions in mm (LxWxH): 46 x 71.5 x 98 Supply voltage: 115V ... 277V / 1.5VA Installation category: 300V CAT III Measurement in TN and TT networks Measurement of harmonics up to 40. 4 voltage measurement inputs Measurement category: 300V CAT III Measurement in three-phase 4-wire systems up to 277V Measurement in three-phase 3-wire systems up to 480V 3 current measurement inputs for current transformers Measurement category: 300V CAT II Nominal current 5A / 1A (adjustable) Measuring range: 0.005 ... 6 Arms Data storage: 4MB Flash Interfaces: RS485 (Modbus RTU / slave) Accessories (included): 33.03.345 installation instructions incl. Safety instructions and 'Software GridVis' Quick start 52.00.008 RS485 terminating resistor 120 ohm
UMG 96RM, 24-90V, UL	5222070 Energy measuring device UMG 96RM, (UL) Supply voltage 24V..90V (50 / 60Hz); 24V..90V DC, 150V CATIII Voltage measurement, measurement category 300V CATIII, 3 voltage measurement inputs (L-N: 20V-300V; LL: 34V- 520V; 45Hz-65Hz), 3 current measurement inputs 0..5A, response current 5mA, Measurement in three-phase 4-wire systems with earthed neutral conductor up to max. 277V / 480V, Measurement in unearthed three-phase 3- Conductor systems up to max. 480V, Measurement in single-phase 3-wire systems up to max. 220V-440V, Measurement in single-phase 2-wire systems up to max. 220V,

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Ürün	Açıklama
	2 digital outputs Interface: RS485 / Modbus RTU Accessories (included): 33.03.306 installation instructions, Safety instructions and "Software GridVis" quick start 29.01.036 mounting brackets, (already on Device pre-assembled) 52.00.008 RS485 terminating resistor 120 Ohm
UMG 509-PRO UH= 95-240V AC (UL)	
UMG 509-PRO UH=48-110VAC/ 24-150VDC	
UMG 96RM-M, 90-277V, UL	
UMG 96RM-M, 24-90V, UL	5222073
PRODATA2 20V-250V, UL	Data logger - Auxiliary voltage 20V - 250V AC (45..65Hz) or 20V - 300V DC - 1 RS 485 interface (Modbus RTU, slave, up to 115 kbps) - 1 Ethernet interface (Modbus TCP, NTP ...) - 15 digital / pulse inputs (24VDC) - 3 digital outputs (24V / 50mA), switchable via Modbus, weekly time switch, - 1 temperature measurement input (PT100 / PT1000) 3- wire - 32 MB flash memory - Clock and battery function - 64 weekly time switches - Limit value and temperature monitoring - tariff switching - Modbus Ethernet gateway functionality - Storage of minimum and maximum values (with timestamp) - Configurable recordings, via RS485 and Ethernet readable - mounting on top hat rail (35mm) - Dimensions: 107.5 x 90 x 46 mm (6 TE) Equipment: 3303197 Operating Instructions, Prodata2, German 0801505 Patch cable, RJ-45, twisted, 2m, gray
Prodata2 S0-Modul	Accessories Prodata2 S0 module for a group of S0 inputs, equipped with 1.3 kOhm resistors
UMG 96RM, 90-277V, UL	5222061 Energy measuring device UMG 96RM, (UL) Supply voltage 90V ... 277V (50 / 60Hz);

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Ürün	Açıklama
	90V ... 250V DC, 300V CAT III Voltage measurement, measurement category 300V CATIII, 3 voltage measurement inputs (L-N: 20V-300V; LL: 34V- 520V; 45Hz-65Hz), 3 current measurement inputs 0..5A, response current 5mA, Measurement in three-phase 4-wire systems with earthed neutral conductor up to max. 277V / 480V, Measurement in unearthed three-phase 3- Conductor systems up to max. 480V, Measurement in single-phase 3-wire systems up to max. 220V-440V, Measurement in single-phase 2-wire systems up to max. 220V, 2 digital outputs Interface: RS485 / Modbus RTU Accessories (included): 33.03.306 installation instructions, Safety instructions and "Software GridVis" Quick start 29.01.036 mounting brackets, (already on Device pre-assembled) 52.00.008 RS485 terminating resistor 120 Ohm
UMG 96RM-PN	90-277V, UL 5222090 Energy measuring device UMG 96RM-PN with Profinet, (UL) Supply voltage 90V..277V (50 / 60Hz); 90V..250V DC, 300V CATIII Voltage measurement, measurement category 300V CATIII, 3 voltage measurement inputs (L-N: 20V-300V; LL: 34V- 520V; 45Hz-65Hz), 3 + 1 current measurement inputs 0..5A, response current 5mA, Measurement in three-phase 4-wire systems with earthed neutral conductor up to max. 277V / 480V, Measurement in earthed three-phase 3- Conductor systems up to max. 480V, Measurement in earthed single-phase 3- Ladder systems up to max. 220V-440V, Measurement in earthed single-phase 2- Ladder systems up to max. 220V, 2 digital outputs, 3 digital inputs / outputs, configurable, 2 analog inputs, optionally as temperature or Differential current measurement input, Interfaces: RS 485, Ethernet Protocol: Profinet, TCP / IP, Modbus RTU Accessories (included): 33.03.339 Installation instructions, Safety instructions and "Software GridVis" quick start 52.22.251 mounting kit 01/08/505 Patch cable 2m twisted gray 52.00.008 RS485 terminating resistor 120 Ohm

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Ürün	Açıklama
	"GridVis Essential" programming software Customs tariff number: 90303200 Country of origin: DE
UMG 96-PQ-L, 90-277V	5236001 Energy measuring device UMG 96-PQ-L with clock, battery and measurement data memory (64MB) Front panel device, 96 x 96 x 86 mm (WxHxD) Supply voltage: 90 V - 277 V (50/60) Hz or 90 V - 250 V DC Installation category: 300 V CAT III Measurement in TN and TT networks Measurement of harmonics up to 65 Full wave events Real work class 0.2S 3 voltage measurement inputs: Measurement category: 600 V CAT III Measurement in 3-phase 4-wire systems up to 417 V / 720 V (+ -10%) according to IEC Measurement in 1-phase 2-wire systems up to 480 V (+ -10%) 3 current measurement inputs: Measurement category: 300V CAT II Nominal current 5A / 1A adjustable Current measuring range: 5 mA ... 6 A Resolution: 0.1mA Periphery: 3x digital inputs and outputs each 1x analog output 1x RS485 (Modbus RTU) Accessories (included): 33.03.389 installation instructions incl. Safety instructions and "Software GridVis" Quick start 52.22.251 mounting kit 52.00.008 RS485 terminating resistor 120 ohm "GridVis Essentials" programming software Customs tariff number: 90303200 Country of origin: DE
Modul 96-PA-RCM-EL (Optional)	Plug-in extension module for the UMG 96-PA / UMG96-PQ-L, with Ethernet, 2 * RCM + 1 * N measurement 1 current measurement input: 4th current transformer input for neutral conductor Measurement Nominal current: 1/5 A Overvoltage category: 300V CAT II Sampling frequency: 8.33 kHz

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Ürün	Açıklama
	2 differential current inputs: 2x analog inputs for differential and PE current Measurement Nominal current: 30 mArms Periphery: 1x temperature input 1x Ethernet RJ45 with Modbus / TCP Speed: 10/100 Mbit Protection class: rear side IP 20 Protection class: II (all-insulated) Use with UMG 96-PA series Use with UMG 96-PQ-L series Accessories (included): 33.03.374 installation instructions incl. Safety instructions and "Software GridVis" Quick start
UMG 509-PRO UH= 95-240V AC (UL)	Power Analyser mit RCM 5226001 Supply voltage: 95 - 240V (50 - 60Hz); 80 - 280V DC Installation category: 300V CATIII 4 voltage measurement inputs, Measurement category: 600V CATIII Measurement in three-phase 4-wire systems up to 417V / 720V, Measurement in three-phase 3-wire systems up to 600V, Measuring range: L - N: 10 - 600V; 40-70Hz Measuring range: L - L: 18 - 1000V; 40-70Hz 4 current measurement inputs for current transformers ../1 or ../5A Measuring range: 0.001 .. 7Arms, 2 digital inputs, 2 digital outputs 1 temperature input, 2 RCM inputs Data storage: 256MB Flash, Interfaces: RS485, Profibus DP V0, Ethernet 10/100 BaseTX Including web server and the following APPs: APP measured value monitor: graphic display from online & amp; historical readings APP IEC 61000-2-4 Watchdog Light PRO: Monitoring of the voltage quality Limit values according to IEC 61000-2-4
UMG 96RM-CBM, 90-277V, UL (5222066)	Energy meter UMG 96RM-CBM, (UL) Supply voltage 90V..277V (50/60Hz); 90V..250V DC, 300V CAT III Voltage measurement, measurement category 300V CATIII, 3 voltage measurement inputs (L-N: 20V-300V; LL:

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Ürün	Açıklama
	34V- 520V; 45Hz-65Hz), 3+1 current measurement inputs 0..5A, response current 5mA, Measurement in three-phase 4-wire systems with grounded neutral conductor up to max. 277V / 480V, Measurement in unearthed three-phase 3-Conductor systems up to max. 480V, Measurement in single-phase 3-wire systems up to max. 220V-440V, Measurement in single-phase 2-wire systems up to maximum 220V, 2+4 digital outputs, 4 digital inputs, Clock and data storage (5MB / 256MB Flash) Interfaces: RS485, USB Protocol: Modbus RTU Accessories (included): 33.03.219 installation instructions, Safety instructions and "Software GridVis" quick start 52.22.251 Fixing kit 08.02.434 USB connection cable 52.00.008 RS485 terminating resistor 120 ohm
UMG 604 E-PRO 230V (UL) 5216202	Power Analyzer, (UL) 5216202 Supply voltage: 95 .. 240V (45-65Hz); 135 .. 340Vdc Measurement category: 300V CATIII 4 voltage measurement inputs, 4 current measurement inputs Measuring range: L - N: 10 -300V; L - L: 17 - 520V; 45 - 65Hz Current transformer: ../1, ../5A 2 digital inputs, 2 digital outputs 1 temperature measurement input Additional memory: 128MB Flash Interfaces: RS232, RS485 Interface: Ethernet 10/100 BaseTX Including web server and the following APPs APP measured value monitor: graphic display from online & historical readings APP IEC 61000-2-4 Watchdog Light PRO: Power quality monitoring Limit values according to IEC 61000-2-4 Included: Art.No.: 0801505, cross patch cable, CAT5e, 2m, Item No. :5200008, RS485 terminator 120 ohms

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Ürün	Açıklama
	Art.No.: 3303338 Quick start UMG 604 including safety instructions including software GridVis Quick start UMG 604 Customs tariff number: 90303200 Country of origin: DE
1503208	
1503353	
1503355	
5216012	
5216202	
5216222	
5222090	
5228001	
UMG 96RM-PN, 90-277V, UL	5222090 Energy meter UMG 96RM-PN with Profinet, (UL) Supply voltage 90V..277V (50/60Hz); 90V..250V DC, 300V CAT III Voltage measurement, measurement category 300V CATIII, 3 voltage measurement inputs (L-N: 20V-300V; LL: 34V- 520V; 45Hz-65Hz), 3+1 current measurement inputs 0..5A, response current 5mA, Measurement in three-phase 4-wire systems with grounded neutral conductor up to max. 277V / 480V, Measurement in grounded three-phase 3- Conductor systems up to max. 480V, Measurement in grounded single-phase 3- Conductor systems up to max. 220V-440V, Measurement in grounded single-phase 2- Conductor systems up to max. 220V, 2 digital outputs, 3 digital inputs/outputs, configurable, 2 analog inputs, optionally as temperature or differential current measurement input, Interfaces: RS 485, Ethernet Protocol: Profinet, TCP/IP, Modbus RTU Accessories (included): 33.03.339 installation instructions, Safety instructions and "Software GridVis"

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Ürün	Açıklama
	quick start 52.22.251 Fixing kit 08.01.505 Patch cable 2m twisted grey 52.00.008 RS485 terminating resistor 120 ohm Programming software "GridVis Essential" Customs tariff number: 90303200
PROPHI 12RS	1416029 Reactive power controller for front panel installation, Janitza front and type plate Measuring voltage L-N 30-440V, L-L 50-760V50/60 Hz Operating voltage 110...440V +/- 10% Measuring current current transformer./1A,./5A Relay version 12 levels RS 485 interface for Modbus RTU Equipment: 1 Janitza operating instructions, German (English) 2 fastening clips
UMG 604 E-PRO 230V (UL) 5216202	Power Analyzer, (UL) Supply voltage: 95 .. 240V (45-65Hz); 135 .. 340Vdc Measurement category: 300V CATIII 4 voltage measurement inputs, 4 current measurement inputs Measuring range: L - N: 10 -300V; L - L: 17 - 520V; 45 - 65Hz Current transformer: ../1, ../5A 2 digital inputs, 2 digital outputs 1 temperature measurement input Additional memory: 128MB Flash Interfaces: RS232, RS485 Interface: Ethernet 10/100 BaseTX Including web server and the following APPs APP measured value monitor: graphic display from online & historical readings APP IEC 61000-2-4 Watchdog Light PRO: Power quality monitoring Limit values according to IEC 61000-2-4 Programming software "GridVis Essential" Included: Art.No.: 0801505, cross patch cable, CAT5e, 2m, Item No. :5200008, RS485 terminator 120 ohms Art.No.: 3303338 Quick start UMG 604 including safety instructions including software GridVis

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Ürün	Açıklama
	Quick start UMG 604
5216222	UMG 604 E-PRO 24V (UL) Power Analyzer (UL) Supply voltage: 20 .. 50V (45-65Hz); 20 .. 70Vdc Measurement category: 300V CATIII 4 voltage measurement inputs, 4 current measurement inputs Measuring range: L - N: 10 -300V; L - L: 17 - 520V; 45 - 65Hz Current transformer: ../1, ../5A 2 digital inputs, 2 digital outputs 1 temperature measurement input Additional memory: 128MB Flash Interfaces: RS232, RS485 Interface: Ethernet 10/100 BaseTX Incl. web server and the following APPs: APP measured value monitor: graphic display from online & historical readings APP IEC 61000-2-4 Watchdog Light PRO: Power quality monitoring Limit values according to IEC 61000-2-4 Programming software "GridVis Essential" downloaded: www.janitza.de/gridvis-download.html Included: Art.No.: 0801505, cross patch cable, CAT5e, 2m, Item No. :5200008 RS485 terminator 120 ohms Art.No.: 3303338 Quick start UMG 604 including safety instructions including software GridVis Quick start UMG 604
5216221	UMG 604 EP-PRO 24V (UL) Power Analyzer 24V (UL) Supply voltage: 20 .. 50V (45-65Hz); 20 .. 70Vdc Measurement category: 300V CATIII 4 voltage measurement inputs, 4 current measurement inputs Measuring range: L - N: 10 -300V; L - L: 17 - 520V; 45 - 65Hz Current transformer: ../1, ../5A 2 digital inputs, 2 digital outputs 1 temperature measurement input Additional memory: 128MB Flash Interfaces: RS232, RS485

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Ürün	Açıklama
	Interface: Profibus DP V0 Interface: Ethernet 10/100 BaseTX Incl. web server and the following APPs: APP measured value monitor: graphic display from online & historical readings APP IEC 61000-2-4 Watchdog Light PRO: Power quality monitoring Limit values according to IEC 61000-2-4 Programming software "GridVis Essential" downloaded: www.janitza.de/gridvis-download.html Included: Art.No.: 0801505, cross patch cable, CAT5e, 2m, Art.No.: 5200008, RS485 terminating resistor 120 ohms Art.No.: 3303338 Quick start UMG 604 including safety instructions including software GridVis Quick start UMG 604
UMG 96-PA-MID+5232004	Energy meter UMG 96-PA MID+ MID certified Meter reading certified according to PTB-A 50.7 with clock, battery and data storage 2 years tamper proof Measurement data storage for meter readings Front panel installation device, 96 x 96 x 86 mm (WxHxD) Supply voltage: 90V - 277V (50/60) Hz or 90V - 250V DC Installation Category: 300V CAT III Measurement in TN and TT networks Measurement of harmonics up to the 40th Active energy class 0.2S EU Type Examination Certificate VDE 40048947 Tested according to EN 50470-1, EN 50470-3, CLC TR 50579 Input voltage range: 3 x 57/100 to 3 x 289/500V (+-15%) Accuracy class B according to EN 50470-1 Pulse value of the S0 interface: none Converter 10000 Imp/kWh; automatic heart rate adjustment Use of transducers The 1st digital output is an S0 interface set for purchased and delivered active energy. Including meter reading measurement 3 voltage measurement inputs Measurement category: 600 V CAT III

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Ürün	Açıklama
	Measurement in 3-phase 4-wire systems up to 230 Measurement in 3-phase 3-wire systems up to 500 V (+-15%) Measurement in 1-phase 2-wire systems up to 230 V / 400V (+-15%) 3 current measurement inputs Measurement category: 300 V CAT II Rated current 5A/2A/1A adjustable (MID-compliant) Current measuring range: 5 mA... 6 A Resolution: 0.1mA Firmware update for the non-MID relevant Part possible (software separation) peripherals: 3x digital inputs and outputs each (one is fixed) 1x analogue output 1x RS485 (Modbus RTU) Accessories (included): 33.03.375 installation instructions incl. Safety instructions and "Software GridVis" quick start 29.01.092 Terminal cover supply 29.01.093 terminal cover measurement 29.01.065 silicone gasket 96 x 96 52.22.251 Fixing kit 52.00.008 RS485 terminator 120 ohm
Modul 96-PA-RCM-EL	Pluggable expansion module for the UMG 96- PA/UMG96-PQ-L, with Ethernet, 2 * RCM + 1 * N measurement 1 current measurement input: 4th current transformer input for neutral conductor Measurement Rated current: 1 / 5 A Overvoltage category: 300V CAT II Sampling Frequency: 8.33kHz 2 differential current inputs: 2x analogue inputs for differential and PE current Measurement Rated current: 30 mArms peripherals: 1x temperature input 1x Ethernet RJ45 with Modbus/TCP Speed: 10/100 Mbit Degree of protection: rear IP 20 Protection class: II (protective insulation) Use with UMG 96-PA series Use with UMG 96-PQ-L series Accessories (included): 33.03.374 installation instructions incl.

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Ürün	Açıklama
	Safety instructions and "Software GridVis"
UMG 96RM-E, 90-277V, UL	Energy meter UMG 96RM-E with Ethernet and RCM, (UL) Supply voltage 90V..277V (50/60Hz); 90V..250V DC, 300V CAT III Voltage measurement, measurement category 300V CATIII, 3 voltage measurement inputs (L-N: 20V-300V; LL: 34V- 520V; 45Hz-65Hz), 3+1 current measurement inputs 0..5A, response current 5mA, Measurement in three-phase 4-wire systems with grounded neutral conductor up to max. 277V / 480V, Measurement in unearthed three-phase 3- Conductor systems up to max. 480V, Measurement in single-phase 3-wire systems up to max. 220V-440V, Measurement in single-phase 2-wire systems up to maximum 220V, 2 digital outputs 3 digital inputs/outputs, configurable 2 analog inputs, optionally also as temperature or Residual current measurement input (RCM) Clock and data memory (256 MB Flash) Interfaces: Ethernet, RS485 Protocol: TCP/IP, Modbus RTU Accessories (included): 33.03.220 installation instructions, Safety instructions and "Software GridVis" quick start 52.22.251 fastening set with screws, 08.01.505 patch cable 2m, twisted, grey 52.00.008 RS485 terminating resistor 120 ohm
UMG 509-PRO UH= 95-240V AC (UL)	Power Analyzer with RCM Supply voltage: 95 - 240V (50 - 60Hz); 80 - 280Vdc Installation category: 300V CATIII 4 voltage measurement inputs, Measurement category: 600V CATIII Measurement in three-phase 4-wire systems up to 417V/720V, Measurement in three-phase 3-wire systems up to 600V, Measuring range: L - N: 10 - 600V; 40 - 70Hz Measuring range: L - L: 18 - 1000V; 40 - 70Hz 4 current measurement inputs for current transformers ../1 or ../5A

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Ürün	Açıklama
	Measuring range: 0.001 .. 7Arms, 2 digital inputs, 2 digital outputs 1 temperature input, 2 RCM inputs Data memory: 256MB Flash, Interfaces: RS485, Profibus DP V0, Ethernet 10/100 BaseTX Incl. web server and the following APPs: APP measured value monitor: graphic display from online & historical readings APP IEC 61000-2-4 Watchdog Light PRO: Power quality monitoring Limit values according to IEC 61000-2-4 Programming software "GridVis Essential" downloaded: www.janitza.de/gridvis-download.html Included: Item No.: 5219301, 2 fastening clips Art.No.: 0801505, cross patch cable, CAT5e, 2m, Item no.: 3303320 Quick start UMG 509 including safety instructions including software GridVis quick start
UMG 96RM-P, 90-277V, UL 5222064	Energy meter UMG 96RM-P with Profibus, (UL) Supply voltage 90V..277V (50/60Hz); 90V..250V DC, 300V CAT III Voltage measurement, measurement category 300V CATIII, 3 voltage measurement inputs (L-N: 20V-300V; LL: 34V- 520V; 45Hz-65Hz), 3+1 current measurement inputs 0..5A, response current 5mA, Measurement in three-phase 4-wire systems with grounded neutral conductor up to max. 277V / 480V, Measurement in unearthed three-phase 3-Conductor systems up to max. 480V, Measurement in single-phase 3-wire systems up to max. 220V-440V, Measurement in single-phase 2-wire systems up to maximum 220V, 2+4 digital outputs, 4 digital inputs, Clock and data storage (5MB / 256MB Flash) Interfaces: RS485, USB, Sub D 9 pin Protocol: Profibus Accessories (included): 33.03.219 installation instructions, Safety instructions and "Software GridVis" quick start

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Ürün	Açıklama
	52.22.251 Fixing kit 08.02.434 USB connection cable 52.00.008 RS485 terminating resistor 120 ohm
UMG 605-PRO 230V (UL) 5216227	Power Quality Analyzer (UL) Supply voltage: 95 .. 240V (45-65Hz); 135 .. 340Vdc Measurement category: 300V CATIII 4 voltage measurement inputs, 4 current measurement inputs Measuring range: L - N: 10 -300V; L - L: 17 - 520V; 15 - 440Hz Current transformer: ../1, ../5A 2 digital inputs, 2 digital outputs 1 temperature measurement input Additional memory: 128MB Flash Interfaces: RS232, RS485 Interface: Profibus DP V0 Interface: Ethernet 10/100 BaseTX Incl. web server and the following APPs: APP measured value monitor: graphic display from online & historical readings APP EN 50160 Watchdog PRO : Monitoring the voltage quality limit values according to EN 50160 APP IEC 61000-2-4 Watchdog PRO: Power quality monitoring Limit values according to IEC 61000-2-4 Programming software "GridVis Essential" Included: Art.No.: 0801505, cross patch cable, CAT5e, 2m, Art.No.: 5200008, RS485 terminating resistor 120 ohms Art.No.: 3303337 Quick start UMG 605 including safety instructions including software GridVis Quick start UMG 605
UMG 96-PA, 90-277V 5232001	Energy meter UMG 96-PA with clock, battery and measurement data memory (4MB) Front panel installation device, 96 x 96 x 86 mm (WxHxD) Supply voltage: 90V - 277V (50/60) Hz or 90V - 250V DC Installation Category: 300V CAT III Measurement in TN and TT networks Measurement of harmonics up to the 25th Active energy class 0.2S 3 voltage measurement inputs: Measurement category: 600 V CAT III Measurement in 3-phase 4-wire systems up to 417

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Ürün	Açıklama
	V/720V (+-10%) according to IEC Measurement in 1-phase 2-wire systems up to 480 V (+-10%) 3 current measurement inputs: Measurement category: 300V CAT II Rated current 5A / 1A adjustable Current measuring range: 5 mA... 6 A Resolution: 0.1mA peripherals: 3x digital inputs and outputs each 1x analogue output 1x RS485 (Modbus RTU) Accessories (included): 33.03.375 installation instructions incl. Safety instructions and "Software GridVis" quick start 52.22.251 Fixing kit 52.00.008 RS485 terminating resistor 120 Ohm
UMG 96RM-PN, 90-277V, UL 5222090	Energy meter UMG 96RM-PN with Profinet, (UL) Supply voltage 90V..277V (50/60Hz); 90V..250V DC, 300V CAT III Voltage measurement, measurement category 300V CATIII, 3 voltage measurement inputs (L-N: 20V-300V; LL: 34V- 520V; 45Hz-65Hz), 3+1 current measurement inputs 0..5A, response current5mA, Measurement in three-phase 4-wire systems with grounded neutral conductor up to max. 277V / 480V, Measurement in grounded three-phase 3- Conductor systems up to max. 480V, Measurement in grounded single-phase 3- Conductor systems up to max. 220V-440V, Measurement in grounded single-phase 2- Conductor systems up to max. 220V, 2 digital outputs, 3 digital inputs/outputs, configurable, 2 analog inputs, optionally as temperature or differential current measurement input, Interfaces: RS 485, Ethernet Protocol: Profinet, TCP/IP, Modbus RTU Accessories (included): 33.03.339 installation instructions, Safety instructions and "Software GridVis" quick start 52.22.251 Fixing kit 08.01.505 Patch cable 2m twisted grey52.00.008 RS485

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Ürün	Açıklama
	terminating resistor 120 ohm Programming software "GridVis Essential"
UMG 806 1402025	Alternative for UMG 96 Note: In contrast to the UMG 96, this device is a DIN rail device. Modular energy meter UMG 806 DIN rail mounting, 90 x 90 x 63.5 mm (WxHxD) Supply: AC/DC (80-270) V Measurement in TN, TT and IT networks Measurement of harmonics up to the 31st 3 voltage measurement inputs Measurement category: 300 V CAT III Measurement in 3-phase 4-wire systems up to 230 V/400 V 4 current measurement inputs Measurement category: 300V CAT II Rated current 5A / 1A adjustable Current measuring range: 5 mA... 6 A Resolution: 0.1mA periphery 1x pulse output 1x temperature input 1x analog inputs for differential and PE current Measurement 1x RS485 (Modbus RTU) Accessories (included): 33.03.382 installation instructions incl. Safety instructions and "Software GridVis" quick start Set of connector plugs
UMG 96-PA, 90-277V 5232001	Alternative for UMG 96 Energy meter UMG 96-PA with clock, battery and measurement data memory (4MB) Front panel installation device, 96 x 96 x 86 mm (WxHxD) Supply voltage: 90V - 277V (50/60) Hz or 90V - 250V DC Installation Category: 300V CAT III Measurement in TN and TT networks Measurement of harmonics up to the 25th Active energy class 0.2S 3 voltage measurement inputs: Measurement category: 600 V CAT III Measurement in 3-phase 4-wire systems up to 417 V/720V (+-10%) according to IEC Measurement in 1-phase 2-wire systems up to 480 V (+-10%) 3 current measurement inputs:

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Ürün	Açıklama
	Measurement category: 300V CAT II Rated current 5A / 1A adjustable Current measuring range: 5 mA... 6 A Resolution: 0.1mA peripherals: 3x digital inputs and outputs each 1x analogue output 1x RS485 (Modbus RTU) Accessories (included): 33.03.375 installation instructions incl. Safety instructions and "Software GridVis" quick start 52.22.251 Fixing kit 52.00.008 RS485 terminator 120 ohm
UMG 96RM-E, 24-90V, UL 5222063	Energy meter UMG 96RM-E with Ethernet and RCM, (UL) Supply voltage 24V..90V (50/60Hz); 24V..90V DC, 150V CATIII Voltage measurement, measurement category 300V CATIII, 3 voltage measurement inputs (L-N: 20V-300V; LL: 34V- 520V; 45Hz-65Hz), 3+1 current measurement inputs 0..5A, response current 5mA, Measurement in three-phase 4-wire systems with grounded neutral conductor up to max. 277V/480V, Measurement in unearthed three-phase 3- Conductor systems up to max. 480V, Measurement in single-phase 3-wire systems up to max. 220V-440V, Measurement in single-phase 2-wire systems up to maximum 220V, 2 digital outputs 3 digital inputs/outputs, configurable 2 analog inputs, optionally also as temperature or Residual current measurement input (RCM) clock and data memory (256 MB Flash), home page, Interfaces: Ethernet, RS485 Protocol: TCP/IP, Modbus RTU Accessories (included): 33.03.220 installation instructions, Safety instructions and "Software GridVis" quick start 52.22.251 Fixing kit 08.01.505 Patch cable 2 m, twisted, grey 52.00.008 RS485 terminating resistor 120 Ohm,

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Ürün	Açıklama
	Programming software "GridVis Essential" Customs tariff number: 90303200 Country of origin: DE
UMG 509-PRO UH= 95-240V AC (UL) 5226001	Power Analyzer with RCM Supply voltage: 95 - 240V (50 - 60Hz); 80 - 280Vdc Installation category: 300V CATIII 4 voltage measurement inputs, Measurement category: 600V CATIII Measurement in three-phase 4-wire systems up to 417V/720V, Measurement in three-phase 3-wire systems up to 600V, Measuring range: L - N: 10 - 600V; 40 - 70Hz Measuring range: L - L: 18 - 1000V; 40 - 70Hz 4 current measurement inputs for current transformers ../1 or ../5A Measuring range: 0.001 .. 7Arms, 2 digital inputs, 2 digital outputs 1 temperature input, 2 RCM inputs Data memory: 256MB Flash, Interfaces: RS485, Profibus DP V0, Ethernet 10/100 BaseTX Incl. web server and the following APPs: APP measured value monitor: graphic display from online & historical readings APP IEC 61000-2-4 Watchdog Light PRO: Power quality monitoring Limit values according to IEC 61000-2-4 Included: Item No.: 5219301, 2 fastening clips Art.No.: 0801505, cross patch cable, CAT5e, 2m, Item no.: 3303320 Quick start UMG 509 including safety instructions including software GridVis quick start
1401356	Energy meter 3ph. direct meas. 65A,pulse 1401356 Type B23 311-10J For DIN rail mounting 4TE, 2 tariffs 2x inputs to control the tariffs or for counting external pulses 2x outputs optionally as Pulse output for real or Reactive energy or as an alarm output

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Ürün	Açıklama
	Pulse length: 10-990ms Active energy measurement accuracy: Class 1 Reactive energy measurement accuracy: Class 2 (without MID) Connection cross-section measurement: 25mm² Current measurement range: 0.25 .... 65 A Voltage range: 3x 220-240 AC, -20%-+15% Frequency: 50/60Hz Temperature range: -40 + 70 degrees Celsius No resetting of the energy meter readings Meter is calibrated according to MID and approved according to IEC Customs tariff number: 90283019
PROPHI 12R	Successor to 52058003 Reactive power controller for front panel installation, Janitza front and type plate Measuring voltage L-N 30-440V, L-L 50-760V50/60 Hz Operating voltage 110...440V +/- 10% Measuring current current transformer./1A,./5A Relay version 12 levels Accesories: 1 Janitza operating instructions, German (English) 2 fastening clips
1401358	Energy meter 3ph. direct meas. 65A,Mbus 1401358 Type B23 313-10J For DIN rail mounting 4TE, 2 tariffs With integrated M-Bus interface 2x inputs to control the tariffs or for counting external pulses 2x outputs optionally as Pulse output for real or Reactive energy or as an alarm output Pulse length: 10-990ms Active energy measurement accuracy: Class 1 Reactive energy measurement accuracy: Class 2 (without MID) Connection cross-section measurement: 25mm² Current measurement range: 0.25 .... 65 A Voltage range: 3x 220-240 AC, -20%-+15% Frequency: 50/60Hz Temperature range: -40 + 70 degrees Celsius No resetting of the energy meter readings Meter is calibrated according to MID and approved according to IEC
1416040	Prophi 12TR (Prophi7-1-TH) Power factor controller for front panel installation

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Ürün	Açıklama
	12 relay outputs and 12 transistor outputs, Measuring voltage: 30-440V (L-N), 50-760V (LL) Operating voltage: 110-440V
UMG 96RM, 90-277V, UL	Energy meter UMG 96RM, (UL) Supply voltage 90V...277V (50/60Hz); 90V...250V DC, 300V CAT III Voltage measurement, measurement category 300V CATIII, 3 voltage measurement inputs (L-N: 20V-300V; LL: 34V- 520V; 45Hz-65Hz), 3 current measurement inputs 0..5A, response current 5mA, Measurement in three-phase 4-wire systems with grounded neutral conductor up to max. 277V / 480V, Measurement in unearthed three-phase 3- Conductor systems up to max. 480V, Measurement in single-phase 3-wire systems up to max. 220V-440V, Measurement in single-phase 2-wire systems up to maximum 220V, 2 digital outputs Interface: RS485 / Modbus RTU Accessories (included): 33.03.306 installation instructions, Safety instructions and "Software GridVis" quick start 29.01.036 mounting brackets, (already on device pre-assembled) 52.00.008 RS485 terminating resistor 120 ohm
UMG 96RM-E, 90-277V, UL 5222062	Energy meter UMG 96RM-E with Ethernet and RCM, (UL) Supply voltage 90V..277V (50/60Hz); 90V..250V DC, 300V CAT III Voltage measurement, measurement category 300V CATIII, 3 voltage measurement inputs (L-N: 20V-300V; LL: 34V- 520V; 45Hz-65Hz), 3+1 current measurement inputs 0..5A, response current 5mA, Measurement in three-phase 4-wire systems with grounded neutral conductor up to max. 277V / 480V, Measurement in unearthed three-phase 3- Conductor systems up to max. 480V, Measurement in single-phase 3-wire systems up to max. 220V-440V, Measurement in single-phase 2-wire systems up to maximum 220V,

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Ürün	Açıklama
	2 digital outputs 3 digital inputs/outputs, configurable 2 analog inputs, optionally also as temperature or Residual current measurement input (RCM) Clock and data memory (256 MB Flash) Interfaces: Ethernet, RS485 Protocol: TCP/IP, Modbus RTU Accessories (included): 33.03.220 installation instructions, Safety instructions and "Software GridVis" quick start 52.22.251 fastening set with screws, 08.01.505 patch cable 2m, twisted, grey 52.00.008 RS485 terminating resistor 120 ohm
UMG 512-PRO UH=48..110V AC / 24..150V DC	5217003 5217003 Class A (IEC 61000-4-30) power quality Analyzer with RCM Supply voltage: 48 - 110V (50 - 60Hz); 24 - 150Vdc Installation category: 150V CATIII 4 voltage measurement inputs, Measurement category: 600V CATIII Measurement in three-phase 4-wire systems up to 417V/720V, Measurement in three-phase 3-wire systems up to 600V, Measuring range: L - N: 10 - 600V; 15 - 440Hz Measuring range: L - L: 18 - 1000V; 15 - 440Hz 4 current measurement inputs for current transformers ../1 or ../5A Measuring range: 0.001 .. 7Arms, 2 digital inputs, 2 digital outputs 1 temperature input, 2 RCM inputs Data memory: 256MB Flash, Interfaces: RS485, Profibus DP V0, Ethernet 10/100 BaseTX Incl. web server and the following APPs: APP measured value monitor: graphic display from online & historical readings APP EN 50160 Watchdog PRO: Monitoring 50160 APP IEC 61000-2-4 Watchdog PRO: Power quality monitoring Limit values according to IEC 61000-2-4 Programming software "GridVis Basic" download: www.janitza.de/gridvis-download.html Included:

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Ürün	Açıklama
	Item No.: 5219301, 2 fastening clips Art.No.: 0801505, cross patch cable, CAT5e, 2m, grey/green Art.No.: 3303336 Quick start UMG 512 including safety instructions including software GridVis quick start Customs tariff number: 90303200 Country of origin: DE
5100601	GridVis® Standard | Basic package 10 Parameterization and network visualization software The Edition Standard offers you the Basic functions of GridVis®. The basic package is the prerequisite for the Extension with additional Items as well as for the extension of the update period. It is a project related one license. Included in the basic package: - 10 items (devices, users, data imports) incl. 12 months update period & phone support - Desktop & service installation (unlimited installation) Scope of functions Edition Standard
5217011 UMG 512-PRO - 95V-240V AC (UL)	Class A (IEC 61000-4-30) power quality Analyzer with RCM Supply voltage: 95 - 240V (50/60Hz); 80 - 300Vdc Installation category: 300V CATIII 4 voltage measurement inputs, Measurement category: 600V CATIII Measurement in three-phase 4-wire systems up to 417V/720V, Measurement in three-phase 3-wire systems up to 600V, 4 current measuring inputs for current transformers ../1 or ../5A Current measurement range: 0.001 .. 7Arms, 2 digital inputs, 2 digital outputs 1 temperature input, 2 RCM inputs Data memory: 256MB Flash, Interfaces: RS485, Profibus DP V0, Ethernet 10/100 BaseTX Incl. web server and the following APPs: APP measured value monitor: graphic display from online & historical readings APP EN 50160 Watchdog PRO: Monitoring the voltage quality limit values according to EN 50160 APP IEC 61000-2-4 Watchdog PRO: Power quality monitoring Limit values according to IEC 61000-2-4

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Ürün	Açıklama
	Programming software "GridVis Essential" Included: Item No.: 5219301, 2 fastening clips Art.No.: 0801505, cross patch cable, CAT5e, 2m, grey/green Art.No.: 3303336 Quick start UMG 512 including safety instructions including software GridVis quick start Customs tariff number: 90303200 Country of origin: DE
UMG 96RM-E, 90-277V, UL 5222062	Energy meter UMG 96RM-E with Ethernet and RCM, (UL) Supply voltage 90V..277V (50/60Hz); 90V..250V DC, 300V CAT III Voltage measurement, measurement category 300V CATIII, 3 voltage measurement inputs (L-N: 20V-300V; LL: 34V- 520V; 45Hz-65Hz), 3+1 current measurement inputs 0..5A, response current 5mA, Measurement in three-phase 4-wire systems with grounded neutral conductor up to max. 277V / 480V, Measurement in unearthed three-phase 3- Conductor systems up to max. 480V, Measurement in single-phase 3-wire systems up to max. 220V-440V, Measurement in single-phase 2-wire systems up to maximum 220V, 2 digital outputs 3 digital inputs/outputs, configurable 2 analog inputs, optionally also as temperature or Residual current measurement input (RCM) Clock and data memory (256 MB Flash) Interfaces: Ethernet, RS485 Protocol: TCP/IP, Modbus RTU Accessories (included): 33.03.220 installation instructions, Safety instructions and "Software GridVis" quick start 52.22.251 fastening set with screws, 08.01.505 patch cable 2m, twisted, grey 52.00.008 RS485 terminating resistor 120 ohm
UMG 96RM, 90-277V, UL	Energy meter UMG 96RM, (UL) Supply voltage 90V...277V (50/60Hz); 90V...250V DC, 300V CAT III

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Ürün	Açıklama
	Voltage measurement, measurement category 300V CATIII, 3 voltage measurement inputs (L-N: 20V-300V; LL: 34V- 520V; 45Hz-65Hz), 3 current measurement inputs 0..5A, response current 5mA, Measurement in three-phase 4-wire systems with grounded neutral conductor up to max. 277V / 480V, Measurement in unearthed three-phase 3-Conductor systems up to max. 480V, Measurement in single-phase 3-wire systems up to max. 220V-440V, Measurement in single-phase 2-wire systems up to maximum 220V, 2 digital outputs Interface: RS485 / Modbus RTU Accessories (included): 33.03.306 installation instructions, Safety instructions and "Software GridVis" quick start 29.01.036 mounting brackets, (already on device pre-assembled) 52.00.008 RS485 terminating resistor 120 ohm
UMG 512-PRO - 95V-240V AC (UL)	Class A (IEC 61000-4-30) power quality Analyzer with RCM Supply voltage: 95 - 240V (50/60Hz); 80 - 300Vdc Installation category: 300V CATIII 4 voltage measurement inputs, Measurement category: 600V CATIII Measurement in three-phase 4-wire systems up to 417V/720V, Measurement in three-phase 3-wire systems up to 600V, 4 current measurement inputs for current transformers ../1 or ../5A Current measurement range: 0.001 .. 7Arms, 2 digital inputs, 2 digital outputs 1 temperature input, 2 RCM inputs Data memory: 256MB Flash, Interfaces: RS485, Profibus DP V0, Ethernet 10/100 BaseTX Incl. web server and the following APPs: APP measured value monitor: graphic display from online & historical readings APP EN 50160 Watchdog PRO: Monitoring of the voltage quality limit values according to EN 50160 APP IEC 61000-2-4 Watchdog PRO: Power quality monitoring Limit values according to IEC 61000-2-4 Programming software "GridVis Essential" Included:

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Ürün	Açıklama
	Item No.: 5219301, 2 fastening clips Art.No.: 0801505, cross patch cable, CAT5e, 2m, grey/green Art.No.: 3303336 Quick start UMG 512 including safety instructions including software GridVis quick start
UMG 512-PRO UH=48..110V AC / 24..150V DC	5217003 Class A (IEC 61000-4-30) power quality Analyzer with RCM Supply voltage: 48 - 110V (50 - 60Hz); 24 - 150Vdc Installation category: 150V CATIII 4 voltage measurement inputs, Measurement category: 600V CATIII Measurement in three-phase 4-wire systems up to 417V/720V, Measurement in three-phase 3-wire systems up to 600V, Measuring range: L - N: 10 - 600V; 15 - 440Hz Measuring range: L - L: 18 - 1000V; 15 - 440Hz 4 current measurement inputs for current transformers ../1 or ../5A Measuring range: 0.001 .. 7Arms, 2 digital inputs, 2 digital outputs 1 temperature input, 2 RCM inputs Data memory: 256MB Flash, Interfaces: RS485, Profibus DP V0, Ethernet 10/100 BaseTX Incl. web server and the following APPs: APP measured value monitor: graphic display from online & historical readings APP EN 50160 Watchdog PRO: Monitoring of the voltage quality limit values according to EN 50160 APP IEC 61000-2-4 Watchdog PRO: Power quality monitoring Limit values according to IEC 61000-2-4 Programming software "GridVis Basic" Included: Item No.: 5219301, 2 fastening clips Art.No.: 0801505, cross patch cable, CAT5e, 2m, grey/green Art.No.: 3303336 Quick start UMG 512 including safety instructions including software GridVis quick start
Prophi 12R (Prophi 7)	Reactive power controller for front panel installation, with 12 relay outputs Voltage path L-N 30-440V, L-L 50-760V50/60Hz Measuring current: Current transformer .../1A, .../5A Operating voltage: 110-440V

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Ürün	Açıklama
UMG96RM-E-RCM	
DIN rail power pack 24V	1605014 DIN rail power supply HDR Input voltage: 85-264V AC Output voltage: 24DC Output current: 4.2A Housing dimensions 70 x 90 x 54.5 mm (W x H xt)
UMG 512-PRO power analyzer	
UMG 507	
Prophi 12R (Prophi 7)	Art nr. 1416028 Reactive power controller for front panel installation, with 12 relay outputs Voltage path L-N 30-440V, L-L 50- 760V50/60Hz Measuring current: Current transformer .../1A, .../5A Operating voltage: 110-440V Customs tariff number: 90328900 country of origin: Germany Weight: 1.0kg
52.22.066 JANİTZA UMG 96RM-CBM 90/277V AC	
UMG 512-PRO UH=48..110V AC	24..150V DC 5217003 Class A (IEC 61000-4-30) power quality analyzer with RCM Supply voltage: 48 - 110V (50 - 60Hz); 24 - 150V DC Installation category: 150V CATIII 4 voltage measurement inputs, Measurement category: 600V CATIII Measurement in three-phase 4-wire systems up to 417V/720V, Measurement in three-phase 3-wire systems up to 600V, Measuring range: L - N: 10 - 600V; 15 - 440Hz Measuring range: L - L: 18 - 1000V; 15 - 440Hz 4 current measuring inputs for current transformers ../1 or ../5A Measuring range: 0.001..7Arms, 2 digital inputs, 2 digital outputs 1 temperature input, 2 RCM inputs Data storage: 256MB Flash, Interfaces: RS485, Profibus DP V0, Ethernet 10/100 BaseTX Incl. web server and the following APPs:

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Ürün	Açıklama
	APP measured value monitor: Graphical display of online & historical measurements APP EN 50160 Watchdog PRO: Monitoring the power quality limit values according to EN 50160 APP IEC 61000-2-4 Watchdog PRO: Monitoring of power quality limits according to IEC 61000-2-4 Programming software “GridVis Basic” download: www.janitza.de/gridvis-download.html Included:
UMG 96RM-E	90-277V, UL 90-277V, UL
UMG 96-S2 Backlight, 90-265V	5234002 Energy measuring device UMG 96-S2 with Backlight Front panel built-in device, 96 x 96 x 48 mm (WxHxD) Supply voltage: 90V - 265V (50/60) Hz or 90V - 250V DC Installation category: 300V CAT III Measurement in TN and TT networks Measurement of harmonics up to the 15th 4 voltage measurement inputs: Measurement category: 300 V CAT III Measurement in 3-phase 4-wire systems up to 230 V / 400 V (+-10%) according to IEC 3 current measurement inputs: Measuring category: 300V CAT II Rated current 5A/1A adjustable Current measuring range: 0.5 mA... 6 A Resolution: 1mA Periphery: 1 pulse output 1x RS485 (Modbus RTU) Accessories (included): 33.03.372 installation instructions incl. Safety instructions and “Software GridVis” Quick start 29.01.036 Fastening clips (already on device pre-assembled) 52.00.008 RS485 terminating resistor 120 ohm “GridVis Essential” programming software
UMG 96RM-E, 24-90V, UL	5222063 Energy meter UMG 96RM-E with Ethernet and RCM, (UL) Supply voltage 24V..90V (50/60Hz); 24V..90V DC, 150V CATIII

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Ürün	Açıklama
	Voltage measurement, measurement category 300V CATIII, 3 voltage measurement inputs (L-N: 20V-300V; LL: 34V- 520V; 45Hz- 5Hz), 3+1 current measurement inputs 0..5A, response current 5mA, Measurement in three-phase 4-wire systems with earthed neutral conductor up to max. 277V/480V, Measurement in unearthed three-phase 3-wire systems up to max. 480V, Measurement in single-phase 3-wire systems up to max. 220V-440V, Measurement in single-phase 2-wire systems up to max. 220V, 2 digital outputs 3 digital inputs/outputs, configurable 2 analog inputs, optionally also as temperature or Residual current measurement input (RCM) Clock and data memory (256 MB Flash), Homepage, Interfaces: Ethernet, RS485 Protocol: TCP/IP, Modbus RTU Accessories (included): Accessory pack UMG 96RM-E (5222252)
Current transformer 35/1A; 0.2VA/Cl.1	1503002 CT strip with integrated voltage clamp Suitable for mounting on DIN rail Fuse: 2A Individually packaged VCT32
UMG 512-PRO UH=48..110V AC /	24..150V DC 5217003 Class A (IEC 61000-4-30) Power Quality Analyzer with RCM Supply voltage: 48 - 110V (50 - 60Hz); 24 - 150V DC Installation category: 150V CATIII 4 voltage measurement inputs, Measurement category: 600V CATIII Measurement in three-phase 4-wire systems up to 417V/720V, Measurement in three-phase 3-wire systems up to 600V, Measurement range: L - N: 10 - 600V; 15 - 440Hz Measurement range: L - L: 18 - 1000V; 15 - 440Hz 4 current measurement inputs for current transformers ../1 or ../5A Measuring range: 0.001 .. 7Arms, 2 digital inputs, 2 digital outputs 1 temperature input, 2 RCM inputs Data storage: 256MB Flash, Interfaces: RS485, Profibus DP V0, Ethernet

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Ürün	Açıklama
	10/100 BaseTX Incl. web server and the following APPs: APP measurement monitor: Graphical representation of online & historical measurement values APP EN 50160 Watchdog PRO: Monitoring of the voltage quality limits according to EN 50160 APP IEC 61000-2-4 Watchdog PRO: Monitoring of the voltage quality limits according to IEC 61000-2-4
96 RM-P	
UMG 96-EL Energy Analyzer	Energy Analyzer
UMG 96RM-E Energy Analyzer	Energy Analyzer
5207041	
UMG 96 RM	
UMG 604 E-PRO 230V (UL)	5216202 Power Analyzer, (UL) Supply voltage: 95 .. 240V (45-65Hz); 135 .. 340V DC Measurement category: 300V CATIII 4 voltage measurement inputs, 4 current measurement inputs Measuring range: L - N: 10 - 300V; L - L: 17 - 520V; 45 - 65Hz Current transformers: ../1, ../5A 2 digital inputs, 2 digital outputs 1 Temperature measurement input Additional memory: 128MB Flash Interfaces: RS232, RS485 Interface: Ethernet 10/100 BaseTX Including web server and the following apps APP Measurement Monitor: Graphical representation of online & historical measurements APP IEC 61000-2-4 Watchdog Light PRO: Monitoring of power quality limits according to IEC 61000-2-4
umg 96rm-e90/277v ac	
UMG104	20-50V, 45-65Hz, 8VA, 20-70V, 5W
Umg 104 230v (Ul)	Power Analyzer, UMG104 (UL) Supply voltage: 95 .. 240V (45-65Hz); 135 .. 340V DC Measurement category: 300V CATIII 4 voltage measurement inputs, 4 Current inputs

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Ürün	Açıklama
	Measuring range: L - N: 10 -300V; L - L: 17 - 520V; 45 - 65Hz Current transformer: ../1, ../5A 2 digital inputs, 2 digital outputs 1 temperature measuring input Additional memory: 4MB Flash Interfaces: RS232, RS485 Programming software "GridVis Basic" download: www.janitza.de/gridvis-download.html Included: Product no .: 8910051, slot screwdriver, ESD Art.No .: 5200008, RS485 Terminator 120Ohm Art.No .: 3303305 Installation instructions UMG 104 including safety instructions u.Software GridVis Quick Start UMG 104 Customs tariff number: 90303200 Country of origin: DE
Umg511	
15.03.313 Kuw1 / 30-125 /1a	
Umg512-Pro	
(5213025) Umg 96-Rm	
P/N: 52.22.002	
Umg 507e 52.15.001	
Art.No. 52.16.029 Umg 605	
15.03.352 Kuw2 / 40-250 /1a	
(5216027) Umg 605	
Art.No. 52.13.001 Umg 96s	
Art.No. 52.16.002 Umg 604e	
14.01.311	
Art. No. 52.14.001	
Umg604ep Cod.52.16.021	
P/N: 52.22.037 Type: Umg 96rm-P	
Umg 503s P/N: 52.07.008 Is Obsolete, No Replacement	

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Ürün	Açıklama
52.14.001	
14.01.310	
(52.26.001) Umg 509 Multifunktionaler Netzanalysator Mit Rcm	
Umg 508: 95 .. 240v Ac, 135 .. 340v Dc: 5221001:	
Umg 96s 52.13.001	
Em3-80 0,75-15(80)a 3x230/400v 50hz 10c To 55c 14.01.321	
12	
15.03.311 Kuw1 / 30-75 /1a	
Umg 96rm-P, 90-277v, Ul	5222064 Energy meter UMG 96RM-P with Profibus, (UL) Supply voltage 90V..277V (50 / 60Hz); 90V..250V DC, 300V CATIII Voltage measurement, measurement category 300V CATIII, 3 voltage measurement inputs (L-N: 20V-300V; LL: 34V- 520V; 45Hz-65Hz) 3 + 1 current measurement inputs 0..5A, response current 5mA, Measurement in three-phase 4-wire systems with grounded neutral conductor up to max. 277V / 480V, Measurement in ungrounded three-phase 3 Conductor systems up to max. 480V, Measurement in single-phase 3-wire systems up to Max. 220V-440V, Measurement in single-phase 2-wire systems up to Max. 220V, 2 + 4 digital outputs, 4 digital inputs, Clock and data storage (5MB / 256 MB Flash) Interfaces: RS485, USB, Sub D 9 pin Protocol: Profibus Accessories (included): 33.03.219 Installation instructions, Safety instructions and "Software GridVis" Getting started 52.22.251 mounting kit 08.02.434 USB connection cable 52.00.008 RS485 terminating resistor 120 Ohm 2 2

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Ürün	Açıklama
	Con
Umg512	
14.01.320 Obsolete Electronic Energy Meter	
52.18.001 Umg 103	
Umg 96rm-El, 24-90v	UL 5222072 Energy meter UMG 96RM-EL with Ethernet, (UL) Supply voltage 24V..90V (50 / 60Hz); 24V..90V DC, 150V CATIII Voltage measurement, measurement category 300V CATIII, 3 voltage measurement inputs (L-N: 20V-300V, LL: 34V-520V; 45Hz-65Hz) 3 current measuring inputs 0..5A, operating current 5mA, Measurement in three-phase 4-wire systems with earthed neutral up to max. 277V / 480V, Measurement in ungrounded three-phase-3 Conductor systems up to max. 480V, Measurement in earthed single-phase 3
Art.No. 52.13.001	
52.13.001 Umg 96s	
Umg 507 E: 85 .. 265v Ac, 120 .. 370v Dc: 521501	
Order No. 52.19.001 / Umg 511	
UMG 508 UH=95..240V AC	5221001 Power analyzer UMG 508 Supply voltage: 95 - 240V (50 / 60Hz); 80 - 340V DC Installation category: 300V CATIII 4 voltage measurement inputs, Measurement category: 600V CATIII Measurement in three-phase 4-wire systems up to 417V / 720V (IEC) Measurement in three-phase 4-wire systems up to 347V / 600V (UL) Measurement in three-phase 3-wire systems up to 600V, Measuring range: L - N: 10 - 600V; 40-70Hz Measuring range: L - L: 18 - 1000V; 40-70Hz 4 current measurement inputs for current transformers ../1 or ../5A Measurement category: 300V CATIII Measuring range: 0.001 .. 7.4Arms,

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Ürün	Açıklama
	8 digital inputs, 5 digital outputs, Data storage: 256MB Flash, Interfaces: RS485, Profibus DP V0, Ethernet 10/100 BaseTX Equipment: - Item no .: 5219301, 2 mounting clips - Item no .: 0801505, cross patch cable, CAT5e, 2m, - Item no .: 3303092, installation and Commissioning instructions
52.14.005 Umg 96l	
P/N: 52.14.001 Type: Umg 96l	
Umg96rm-P	
52.14.005 Umg 96l Universalmessgerät	
Umg 96-S2, 90-265v 5234001	Energy meter UMG 96-S2 Front panel mounting device, 96 x 96 x 48 mm (WxHxD) Supply voltage: 90V - 265V (50/60) Hz; 90V - 250V DC Installation category: 300 V CAT III Measurement in TN and TT networks Measurement of harmonics up to the 15th 4 voltage measurement inputs Measurement category: 300 V CAT III Measurement in 3-phase 4-conductor systems up to 230 V / 400 V (+ -10%) according to IEC 3 current measuring inputs Measurement category: 300V CAT II Rated current 5A / 1A adjustable Current measuring range: 0.5 mA ... 6 A Resolution: 1 mA periphery 1 pulse output 1x RS485 (Modbus RTU) Accessories (inclusive): 33.03.372 Installation instructions incl. Safety instructions and "Software-GridVis" Quick start 29.01.036 Mounting clips (already pre-assembled on the device) 52.00.008RS485 termination resistor 120 ohms Successor to UMG 96S
52.13.001	
Umg 96-Pa, 90-277v 5232001	Energy meter UMG 96-PA with clock, battery and data memory (4MB) Front Panel Mount Device, 96 x 96 x 86 mm (WxHxD) Supply voltage: 90 V - 277 V (50/60) Hz

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Ürün	Açıklama
	or 90V - 250V DC Installation category: 300 V CAT III Measurement in TN and TT networks Measurement of harmonics up to the 25th 3 voltage measurement inputs: Measurement category: 600 V CAT III Measurement in 3-phase 4-conductor systems up to 417 V / 720 V (+ -10%) according to IEC Measurement in 1-phase 2-conductor systems up to 480 V (+ -10%) 3 current measuring inputs: Measurement category: 300V CAT II Rated current 5A / 1A adjustable Current measuring range: 5 mA ... 6 A Resolution: 0.1mA peripherals: 3x digital inputs and outputs each 1x analog output 1x RS485 (Modbus RTU) Accessories (included): 33.03.375 Installation instructions incl. Safety instructions and "Software GridVis" Getting started 52.22.251 Mounting kit 52.00.008 RS485 terminator 120 ohm Programming software "GridVis Basic" download:
282141 Modbus Rtu	
5208055	
Art.No. 52.13.017 Umg 96s	
Umg 96-Pa, 24-90v 5232002	Energy meter UMG 96-PA with clock, battery and data memory (4MB) Front Panel Mount Device, 96 x 96 x 86 mm (WxHxD) Supply voltage: AC 24 V - 90 V (50/60 Hz) or DC 24 V - 90 V, Installation category: 150 V CAT III Measurement in TN and TT networks Measurement of harmonics up to the 25th 3 voltage measurement inputs: Measurement category: 600 V CAT III Measurement in 3-phase 4-conductor systems up to 417 V / 720 V (+ -10%) according to IEC Measurement in 1-phase 2-conductor systems up to 480 V (+ -10%) 3 current measuring inputs:

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Ürün	Açıklama
	Measurement category: 300V CAT II Rated current 5A / 1A adjustable Current measuring range: 5 mA ... 6 A Resolution: 0.1mA peripherals: 3x digital inputs and outputs each 1x analog output 1x RS485 (Modbus RTU) Accessories (included): 33.03.360 Installation instructions incl. Safety instructions and "Software GridVis" Getting started 52.22.251 Mounting kit 52.00.008 RS485 terminator 120 ohm Programming software "GridVis Basic" downl
Umg96s Profibus	
261161	
Umg 511 24vdc/ 52.19.003	
6603/0607	
Umg103	
Umg 96rm	90-277V, UL 5222061 Energy meter UMG 96RM, (UL) Supply voltage 90V ... 277V (50 / 60Hz); 90V ... 250V DC, 300V CAT III Voltage measurement, measurement category 300V CATIII, 3 voltage measurement inputs (L-N: 20V-300V; LL: 34V- 520V; 45Hz-65Hz) 3 current measurement inputs 0..5A, response current 5mA, Measurement in three-phase 4-wire systems with grounded neutral conductor up to max. 277V / 480V, Measurement in ungrounded three-phase 3 Conductor systems up to max. 480V, Measurement in single-phase 3-wire systems up to Max. 220V-440V, Measurement in single-phase 2-wire systems up to max. 220V, 2 digital outputs Interface: RS485 / Modbus RTU Accessories (included): 33.03.306 installation instructions, 90/277V AC
Umg 512 Pro 230vac Veya Umg 512 Pro 24vdc	Art nr. 52.17.011 or Art nr. 52.17.003

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Ürün	Açıklama
Umg 96rm-El, 90-277v, Ul	Power Analyzer UMG 96RM-EL with Ethernet, (UL) 5222068 Supply voltage 90V..277V (50 / 60Hz); 90V..250V DC, 300V CATIII Voltage measurement, measurement category 300VCATIII, 3 voltage measurement inputs (L-N: 20V-300V, LL: 34V-520V, 45Hz-65Hz), 3 current measuring inputs 0..5A, operating current 5mA, Measurement in three-phase 4-wire systems with earthed neutral up to max. 277V / 480V, Measurement in ungrounded three-phase-3 Conductor systems up to max. 480V, Measurement in earthed single-phase 3 Conductor systems up to max. 220V-440V, Measurement in grounded single-phase 2 Conductor systems up to max. 220V, Push Service Interface: Ethernet Protocol: TCP / IP, UDP / IP Accessories: 33.03.221 Installation instructions, Safety instructions and "Software GridVis" Getting started 29.01.036 2 pieces Mounting brackets, (already pre-assembled on the device), 08.01.505 patch cable 2m, turned, gray
52.11.001 24v Dc	
Umg512-Pro Uh=95v-240v Ac (Ul)	5217011 Class A (IEC 61000-4-30) voltage quality Analyzer with RCM Supply voltage: 95 - 240V (50 / 60Hz); 80 - 300V DC Installation category: 300V CATIII 4 voltage measurement inputs, Measurement category: 600V CATIII Measurement in three-phase 4-wire systems up to 417V / 720V, Measurement in three-phase 3-wire systems up to 600V, 4 current measuring inputs for current transformer ../1 or ../5A Current measuring range: 0.001 .. 7Arms, 2 digital inputs, 2 digital outputs 1 temperature input, 2 RCM inputs Data storage: 256MB Flash, Interfaces: RS485, Profibus DP V0, Ethernet 10/100 BaseTX Incl. Web server and the following APP`s: APP measured value monitor: Graphical representation from online & historical readings APP EN 50160 Watchdog PRO: Monitoring

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Ürün	Açıklama
	the voltage quality limits according to EN 50160 APP IEC 61000-2-4 Watchdog PRO: Monitoring the voltage quality Limits according to IEC 61000-2-4 APP Push Service PRO: Transfer of the Measurement data in cloud
5208003	PROPHI 12R 400V
Art.No. 52.16.028 Umg 605	
Umg 96 S 52.13.025 - Does Not Exist.	
Umg 96 52.09.001	
Art.No. 52.15.004, Type: Umg 507l	
Umg 503 Ls	
Art.No. 52.16.027 Umg 605	
15.03.353 Kuw2 / 40-250 /5a	
14.01.410 Obsolete Communication Module	
UMG 96 EL	

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