



Accessories for the mobile Power
Quality Analyzers
PQ-Box 100 & 200





07 – 2014




Customer issue



Accessoires	
<p><u>Rogowski coil set CAT III 1000V</u></p> <p>Current range: 1 A to 3000 A RMS; Accuracy: 1 % <u>size: 61 cm (24") set of 4 pieces</u> incl. 2 m cable and plug; Diameter = 194 mm; Rogowski clamp head = 9,9 mm Frequency range: 10Hz to 20kHz, IP 65</p> <p>Order code: 111.7001</p>	
<p><u>Rogowski coil set CAT III 1000V</u></p> <p>Current range: 1 A to 6000 A RMS; Accuracy: 1 % <u>size: 91 cm (36") set of 4 pieces</u> incl. 2 m cable and plug; Diameter = 290 mm; Rogowski clamp head = 9,9 mm Frequency range: 10 Hz to 20k Hz, IP 65</p> <p>Order code: 111.7006</p>	
<p><u>Rogowski coil set CAT III 1000V</u></p> <p>Current range: 1A to 1500A RMS; Accuracy: 1% <u>size: 40 cm (16") set of 4 pieces</u> incl. 2 m cable and plug; Diameter = 125 mm; Rogowski clamp head = 8,3 mm Frequency range: 40 Hz to 20 kHz, IP 67</p> <p>Order code: 111.7030</p>	
<p><u>Rogowski coil set CAT III 1000V</u></p> <p>Current range: 1 A to 3000 A RMS; Accuracy: 1 % <u>size: 60 cm (24") set of 4 pieces</u> incl. 2 m cable and plug; Diameter = 190 mm; Rogowski clamp head = 8,3 mm Frequency range: 40 Hz to 20 kHz, IP 67</p> <p>Order code: 111.7036</p>	
<p><u>Rogowski coil set CAT III 1000V</u></p> <p>Current range: 1 A to 3000 A RMS; Accuracy: 1 % <u>size: 61 cm (24") set of 3 pieces</u> incl. 2 m cable and plug; Diameter = 194 mm; Rogowski clamp head = 9,9mm Frequency range: 10 Hz to 20 kHz, IP 65</p> <p>Order code: 111.7022</p>	




Accessoires	
<p><u>Rogowski coil CAT III 1000V</u></p> <p>Current range: 1 A to 3000 A RMS; Accuracy: 1 % size: 61 cm (24") <u>one piece</u> incl. 2 m cable; without plug; Diameter = 194mm; Rogowski clamp head = 9,9mm Frequency range: 10Hz to 20kHz, IP 65</p> <p>Order code: 111.7023 <i>Incl. 2 m cable</i></p> <p>Order code: 111.7011 <i>Incl. 12 m cable (PQI-D(A))</i></p>	
<p><u>Rogowski coil CAT III 1000V</u></p> <p>Current range: 1A to 6000A RMS; Accuracy: 1% size: 91 cm (36") <u>one piece</u> incl. 2 m cable; without plug; Diameter = 290mm; Rogowski clamp head = 9,9mm Frequency range: 10Hz to 20kHz, IP 65</p> <p>Order code: 111.7046 <i>Incl. 2 m cable</i></p> <p>Order code: 111.7013 <i>Incl. 15 m cable (PQI-D(A))</i></p>	
<p><u>Current clamp 4 probes CAT III 600V</u></p> <p>MU-Metal clamp with two switchable measurement ranges (high precision – low angle error) Switchable measurement range 0.01 ... 20 A/0.1 ... 200 A Accuracy: $\pm 1\%$ - $\pm 2\%$ depends on the current level 15 mm inner diameter, <u>set of 4 pieces</u> incl. 2 m cable and plug; Frequency range: 40 Hz to 20 kHz</p> <p>Order code: 111.7015</p>	

Accessoires	
<p><u>Current clamp 4 probes CAT III 600V</u></p> <p>Current clamp, 15 mm inner diameter, <u>set of 4 pieces</u>; incl. 2 m cable and plug; Measurement range 0...50 A Accuracy: $\pm 1\%$ - $\pm 2\%$ depends on the current level Frequency range: 40 Hz to 5 kHz</p> <p>Order code: 111.7035</p>	
<p><u>Current clamp 3 probes CAT III 600V</u></p> <p>Current clamp, 15 mm inner diameter, <u>set of 3 pieces</u> incl. 2 m cable and plug; (special export edition) Measurement range 0...20 A Accuracy: $\pm 1\%$ - $\pm 2\%$ depends on the current level Frequency range: 40 Hz to 20 kHz</p> <p>Order code: 111.7003</p>	
<p><u>Mini clamp (PQI-D(A))</u></p> <p>Current clamp, 21 mm inner diameter, <u>one piece</u> incl. 8 m cable without plug Measurement range 0...20 A; Accuracy: $\pm 0.5\%$ - $\pm 1.5\%$ depends on the current level Frequency range: 40 Hz to 5 kHz</p> <p>Order code: 111.7010</p>	
<p><u>Current clamp one probe CAT III 600V</u></p> <p>Current clamp, 15 mm inner diameter, <u>one piece</u>, 10 mA...5A (100 mV/ A) AC, 4 mm banana plugs Accuracy: $\pm 0.5\%$ - $\pm 2\%$ depends on the current level Frequency range: 40 Hz to 20 kHz; without cable <i>Note: Adapter cable, order code 111.7004 (Page 5) is necessary and has to be ordered separately</i></p> <p>Order code: 111.7043</p>	

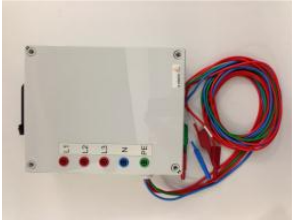


Accessoires	
<p><u>Current clamp one probe CAT III 600V</u></p> <p>Current clamp, 18,5 mm inner diameter, <u>one piece</u>, 0...200 A (1 mV/ A) AC, 4 mm banana plugs Accuracy: $\pm 0.5\%$ - $\pm 2\%$ depends on the current level Frequency range: 40 Hz to 20 kHz, without cable <i>Note: Adapter cable, order code 111.7004 (Page 5) is necessary and has to be ordered separately</i></p> <p>Order code: 111.7005</p>	
<p><u>AC / DC Current clamp (set) CAT III 600V</u></p> <p>AC/DC Current clamp set consisting of:</p> <ul style="list-style-type: none">- 1 x Current clamp with switchable measurement ranges 60 A / 600 A (600 mV output) AC/DC- 1 x wall power supply for permanent supply- 2 x 4mm adapter sockets for adapter cable set <p><i>Note: Adapter cable, order code 111.7004 (Page 5) is necessary and has to be ordered separately</i></p> <p>Order code: 111.7020 (set)</p> <p>Order code: 111.7016 (only Current clamp)</p> <p>Order code: 111.7017 (only wall power supply)</p> <p>Order code: 111.7018 (only 2 x adapter sockets)</p>	
<p><u>Adapter cable set</u></p> <p>8 pole adapter cable with 4 mm banana plugs for connection of AC / DC clamps, length 2 m</p> <p>Order code: 111.7004</p>	




Accessoires	
<p><u>Extension cable</u></p> <p>for current clamps & Rogowski Coils 5m length, for 7-pole Amphenol plug, IP65</p> <p>Order code: 111.7025</p>	
<p><u>Magnetic voltage probes (set) CAT III 1000 V, 2 A</u></p> <p>with 4 mm safety plug (3 x red, 1 x blue) <u>7mm</u>;</p> <p>Order code: 111.7008 (set)</p> <p>Order code: 111.7008.01 (1 pc. red) Order code: 111.7008.02 (1 pc. blue)</p>	
<p><u>Magnetic voltage probes (set) CAT III 1000 V, 2 A</u></p> <p>with 4 mm safety plug (3 x black, 1 x blue) <u>6mm</u>;</p> <p>Order code: 111.7045 (set)</p>	
<p><u>Variogrip – voltage probe CAT IV 1000 V, 24 A</u></p> <p>Adjustable voltage probe for hexagon socket screws, 5 mm, <u>one piece</u></p> <p>Order code: 111.7051</p>	
<p><u>Variogrip – voltage probe CAT IV 1000 V, 24 A</u></p> <p>Adjustable voltage probe for hexagon socket screws, 6 mm, <u>one piece</u></p> <p>Order code: 111.7052</p>	





Accessoires	
<p><u>Grip F – voltage probe CAT III 600 V, 5 A</u></p> <p>Adjustable voltage probe for power bars, 0..30mm <u>one piece</u></p> <p>Order code: 111.7053</p>	
<p><u>Clutch – voltage probe CAT IV 1000 V, 20 A</u></p> <p>Voltage tap for fast and reliable contact of pins / bolts. <u>one piece</u></p> <p>Order code: 111.7065</p>	
<p><u>Spring Grabber– voltage probe CAT III 1000 V, 4 A</u></p> <p>Voltage tap for fast and reliable contact of pins / bolts. <u>one piece</u></p> <p>Order code: 111.7066</p>	
<p><u>Test Tap – voltage probe CAT II 1000 V, 32 A</u></p> <p>Voltage tap for fast and reliable contact of sockets <u>one piece</u></p> <p>Order code: 111.7067</p>	
<p><u>Fuse voltage probe CAT III 1000 V, 500 mA</u></p> <p>High performance fuse (0.5A) with both sides 4mm banana plugs usage with voltage measurement cables of PQ-Box 100. <u>one piece</u></p> <p>Order code: 111.7014 (1 pc. incl. 1 fuse)</p> <p>Order code: 582.1058 Replacement fuse: 1000 V / 0.5 A (1 pc.)</p>	






Accessories	
<p>Order code: 582.1059 Replacement fuse: 1000 V / 1 A (1 pc.)</p> <p>Order code: 582.1060 Replacement fuse: 1000 V / 2 A (1 pc.)</p>	
<p><u>Extension of measuring lead CAT III 1000 V, 19 A</u></p> <p>To extant the measuring lead of the PQ-Box. Length: 2m</p> <p>Order code: 111.7054.00 (1 pc. black) 111.7054.01 (1 pc. red) 111.7054.02 (1 pc. blue) 111.7054.03 (1 pc. green)</p>	
<p><u>Test plug CAT II 250 V, 16 A</u></p> <p>with 4 mm safety banana sockets for voltage Measurement at grounding receptacle European socket</p> <p>Order code: 582.0511</p>	
<p><u>Dolphin clamps (set) CAT III 1000 V, 16 A</u></p> <p>For tapping the measuring voltage of the PQ-Box. The set contains: 3x red, 1x blue, 1x green clamps</p> <p>Order code: 111.7024 (set)</p> <p>Order code: 111.7024.01 (1 pc. dolphin clamp red) Order code: 111.7024.02 (1 pc. dolphin clamp blue) Order code: 111.7024.03 (1 pc. dolphin clamp green)</p>	

Accessories	
<p><u>Label set for measurement stripes</u></p> <p>Label set, different colored, to tag measurement stripes for international use.</p> <p>Order code: 111.7044</p>	
<p><u>Cable set with banana plugs</u></p> <p>Cable set, 4- phases , 1,5mm², 2m length, 4x Fuses 16A, 4x 4mm safety plug</p> <p>Order code: 111.7038</p>	
<p><u>Contact holder with fuse</u></p> <p>contact holder , 1 - phase, 35-240mm²,</p> <p>Order code: 111.7037</p>	
<p><u>Measuring adapter CAT III 400 V, 32 A</u></p> <p>Adapter 5-phases including plug (32 A) and conductor to measure the voltage and current values. 4 mm banana plugs to connect measurement stripes</p> <p>Order code: 111.7042</p>	

Accessoires	
<p><u>CAT IV-Booster PQ-Box 100/200</u></p> <p>for measurements acc. to CAT IV (600V)</p> <p>Order code: 111.7026</p>	
<p><u>GPS Clock for PQ-Box 100 / 200</u></p> <p>radio controlled GPS-clock NIS Time, RS232 for PQ-Box 100 /200</p> <p>U_h: H1 or H2, with accessory</p> <p>Order code: 111.9024.47 (H1) H1: external AC 85V...110V...264V/DC88V...220V...280V</p> <p>Order code: 111.9024.48 (H2) H2: external DC 18V ... 60V ... 72V</p>	
<p><u>USB – RJ45 extension cable</u></p> <p>USB adapter for extension of USB cable length via RJ 45, max. 40 m are possible.</p> <p>Order code: 111.9030.</p>	

Accessories	
<p><u>USB - Ethernet Adapter</u></p> <p>USB-Ethernet adapter for remote readout (only PQ-Box 100)</p> <p>Order code: 111.9030.43</p>	
<p><u>W-LAN connection box</u></p> <p>External device for remote readout via W-LAN of the PQ-Boxes</p> <p>Order code: 111.7050</p>	
<p><u>UMTS connection for TCP interface</u></p> <p>External device for remote readout via 3G network of the PQ-Box 200</p> <p>Order code: 111.903055 Basic Unit: Tosibox Lock Order code: 111.903056 Stick: Tosibox Key Order code: 111.903054 Modem: 3G USB-Stick</p>	

Accessoires	
<p><u>Carrying box PQ-Box 100</u></p> <p>Carrying box with forms for PQ-Box 200 and accessories. Case dimensions 534x 427x 157mm; plastic material; Weight 3.900 g</p> <p>Order code: 582.0033</p>	
<p><u>Carrying bag PQ-Box 100</u></p> <p>Carrying bag, textile with forms for PQ-Box 100 and accessories; Bag dimensions 420x 340x 85mm; Weight 1.300 g</p> <p>Order code: 582.0032.01</p>	
<p><u>Protection cover</u></p> <p>Protection cover for PQ-Box 100 A simple and really rough case to protect your PQ-Box 100. Material color orange;</p> <p>Order code: 564.0500</p>	
<p><u>LEMP Isolation cover</u></p> <p>Small LEMP Isolation cover for PQ-Box 100 (only!) to cover measurement equipment during recording at the house connection box. A simple and really rough case of a weak and steady isolation material allows a maximum way of safety. The cover could be locked by a locker, cable connector or seal at the cable sleeves.</p> <p>Order code: 111.7012</p>	

Accessoires	
<p><u>Carrying box PQ-Box 200</u></p> <p>Carrying box with forms for PQ-Box 100 and accessories; Case dimensions 534x 427x 157mm; plastic material; Weight 3.900 g</p> <p>Order code: 582.0035</p>	
<p><u>Carrying bag PQ-Box 200</u></p> <p>Carrying bag textile with forms for PQ-Box 200 and accessories; Case dimensions 475x 365x 65 mm; Weight 600 g</p> <p>Order code: 582.0036</p>	
<p><u>Protection braces</u></p> <p>Protection braces for PQ-Box 200; set of 2 pieces incl. strap; Material color orange;</p> <p>Order code: 564.0510</p>	
<p><u>LEMP Isolation cover</u></p> <p>Big LEMP Isolation cover for PQ-Box 100/200 to cover measurement equipment during recording at house connection box.</p> <p>A simple and really rough case of a weak and steady isolation material allows a maximum way of safety. The cover could be locked by a locker, cable connector or seal at the cable sleeves.</p> <p>Order code: 111.7029</p>	
<p><u>Locker for PQ-Box 200</u></p> <p>Locker with steel cable (length 1,8 m) to lash PQ-Box 200.</p> <p>Order code: 111.7032</p>	

Accessoires	
<p><u>Adapter cable set</u></p> <p>2 pole adapter cable with 4 mm banana plugs for connection of external sensors or AC/DC clamps, 2m length</p> <p>Order code: 111.7028</p>	
<p><u>Irradiance sensor and temperature probe</u></p> <p>Irradiance sensor and temperature probe for PQ-Box Measurement range: 200; 0..1000W/m², -30..70°C, 0..1V Power supply 111.7031/49 (see further down) is required and has to be ordered separately.</p> <p>Order code: 111.7040</p>	
<p><u>Temperature sensor probe</u></p> <p>Temperature sensor probe for PQ-Box 200 Measurement range: 20..80°C – 0..1V Power supply 111.7031/49 (see further down) is required and has to be ordered separately.</p> <p>Order code: 111.7041</p>	
<p><u>Power supply</u></p> <p>Power supply 230V AC (with adapter for EU), Output 15V DC, 2A</p> <p>Order code: 111.7031</p>	
<p><u>Power supply</u></p> <p>Power supply 230V AC, Output 15V DC, 400 mA</p> <p>Order code: 111.7049</p>	

Accessoires	
<p><u>Power supply for auxiliary voltage CAT II 250 V, 16 A</u></p> <p>Adapter for power supply of PQ-Box 200</p> <p>Order code: 582.0513</p>	
<p><u>Measuring adapter, 3-phase, CAT 250 V, 10 A</u></p> <p>Measuring adapter for 3-phases, including plug and conductor, to measure the voltage and current values. 4 mm banana plugs to connect measurement stripes</p> <p>Order code: 111.7056</p>	
<p><u>DCF 77 Radio controlled clock</u></p> <p>DCF 77 Radio controlled clock for PQ-Box 200 incl. rotating wall holder, connection cable and documentation; RS232;</p> <p>Order code: 111.9024.01</p>	