

PEL51 - PEL52

REF.: P01157166

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600V
CAT III

TRMS

NEXT
AVAILABLE

★ STRENGTHS

- Measurement up to 690 V
- Power supply via the phase
- Alarm function

+ ADDITIONAL INFO

- Monitoring of voltage variations,
- Electrical troubleshooting, etc.

📦 CONTENTS

- PEL51 or PEL52
- Verification sheet
- Safety datasheet
- 2 banana leads 1.5 m long for PEL51, 3 banana leads 1.5 m long for PEL52
- 2 crocodile clips for PEL51, 3 crocodile clips for PEL52
- C8 banana adapter
- Quick Start Guide in 15 languages
- User's manual available for downloading
- PEL Transfer software available for downloading
- 1 mains power cable

⚙️ SPECIFICATIONS

	PEL51	PEL52
Display	Backlit LCD (blue) with double display Real-time measurements	
Type of installation	Single-phase	Single-phase, split-phase, two-phase
Number of channels	1V / 1I	2V / 2I
Type of inputs	2 x 4mm terminals + 1 Qualistar-type current input	3 x 4mm terminals + 2 Qualistar-type current inputs
Measurements		
Network frequencies	DC, 50 Hz, 60 Hz	
Voltage (measurement range)	10 V _{AC} to 690 V _{AC}	
Accuracy V _{AC} @ 50/60 Hz	+/- (0.2% + 0.2V)	
Current	MN93	500 mA to 200 A _{AC}
	MN93A	5 mA to 100 A _{AC}
	C193	1 A to 1,000 A _{AC}
	AmpFlex® A193 & MiniFlex MA194	500 mA to 2,400 A _{AC}
Calculated measurements		
Ratios	Up to 25,000 A	
P, Q1, N, S, D power values	10 W to 10 MW / 10 var to 10 Mvar / 10 VA to 10 MVA	
Energy	Up to 4 EWh / 4 EVAh / 4 Evarh (E = 10 ⁻⁹)	
Phase	cos φ, tan φ, PF	
Harmonics	THD	
Additional functions		
Min / Max	Yes	
Mounting	Magnet	
Programmable storage interval	1 s to 1 hour (Min/Avg/Max)	
Recording modes	"Stop when full"	
Data storage	SD card, 8 GB (SD-HC card up to 32 GB)	
Recording duration	Depends on the SD card, programmable using the software	
Communication	USB, Wifi & Bluetooth	
Power supply	Via the phase, 90 V - 690 V @ 50-60 Hz	
Safety	IEC 61010 1000 V CAT III	
Mechanical specifications		
Dimensions	180 x 88 x 37 mm without sensor	
Weight	400 g	
Casing	IP54 (IEC 60529)	
Warranty	2 years	

⚙️ ACCESSORIES / REPLACEMENT PARTS

Carrying bag

P01298071

See all the accessories on page 105



**Don't forget to order
your current sensors too: see page 104**