



MYeBOX-150-4 FLEX-R45

MYeBOX-150-4 FLEX-R45, Portable power analyzer with recording of quality events and transients

Code: M8404C.

- > Nr Sensors: 4 FLEX-R45
- > Communications: Wi-Fi
- > No. of voltage measurement inputs: 4
- > Measuring current Channels: 4
- > Class: According to Class A

Specifications

Auxiliary battery power supply

Autonomy	2 h
Battery type	Litio (3,7 Vc.c.)
Capacity	3700 mAh
Load temperature	0 ... 40 °C
Load time	6 h

AC power supply

Installation category	CAT II 300 V
Consumption	22...28 VA
Frequency	47...63 Hz
Nominal voltage	100...240 Vc.a.(Adaptador de alimentación de c.a.)

Powered by charger, adapter

Output voltage	9 Vc.c.
Maximum power	18 W

Battery specification

Capacity	220 mAh
Performance-guarantee	10 años
Type	Litio
Voltage	3 Vc.c.

Environmental characteristics

Protection class	IP 30
Relative humidity (without condensation)	5...95 %
Storage temperature	-20...+60 °C
Working temperature	-10...+50 °C

Mechanical characteristics

Envelope	Self-extinguishing V0 plastic
Weight (kg)	2,9



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Specific technical characteristics of current sensors

Linearity	2 % (10...200 % In)
Measurement range	100/1000/10000 A

Standards

Certifications	CE
Electrical safety, Maximum height (m)	2000
Standards	Recycling European Directive 2002/96/EC, EN 61326-1, IEC 61010-1, 3rd Edition

Current measurement circuit

Installation category	CAT III 600 V
Nominal current (In)	Depending on the clamp
Phase current measurement	Transformadores con salida 0,250 A ó 0,333 V
Phase current measuring range	1...200 % In
Maximum input current consumption	0,0004 VA
Maximum pulse current	3 x In A
Minimum current measurement	Depending on the clamp

Voltage measurement circuit

Installation category	CAT III 600 V
Consumption	0,15 VA
Sampling frequency	45...65 Hz
Input impedance	2,4 MΩ
Voltage measuring range	45...65 Hz
Minimum measurement voltage (Vstart)	10 V ac

Communications

Band	2,4 GHz.
Standards	IEEE 802.11 b / g / n

Electrical safety

Insulation	Double-insulated electric shock protection class II (IEC 61010-1)
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User interface

Connectivity	µUSB
LED	14
Keyboard	5 keys, 2 push button
Display type	20-character alphanumeric x 2 lines

Memory

Write time	1s, 1m, 5m, 15m, 1h, 1d
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Type	FAT 32
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Measurement accuracy

Current asymmetry (Ka)	Class A (IEC 61000-4-30)
Voltage asymmetry (Ka)	Class A (IEC 61000-4-30)
Current unbalance (Kd)	Class A (IEC 61000-4-30)
Voltage unbalance (Kd)	Class A (IEC 61000-4-30)
Frequency measurement	Class 0,1 (45...65 Hz)
Phase current measurement	Class 0,2 (1...200 % In) (IEC 61557-12)
Reactive energy measurement (kvarh)	Class 1 (IEC 62053-23)
Reactive power measurement (kvar)	Class 1 ± 1 digit (IEC 61557-12) (Vn ac 230/110)
Apparent power measurement (kVA)	class 0,5 ± 1 digit (IEC 61557-12) (Vn ac 230/110)
Active energy measurement (kWh)	Class 0,5S (IEC 62053-22)
Active power measurement (kW)	class 0,5 ± 1 digit (IEC 61557-12) (Vn ac 230/110)
Power factor measurement	Class 0.5 (IEC 61557-12)
Current THD	Class 1 (IEC 61000-4-7)
Voltage THD	Class 0.5 (IEC 61557-12)
Phase voltage measurement	Class 0.2 0,2 (10...1000 VF-N c.a.) (IEC 61557-12)
Pinst. Flicker	3 % (IEC 61000-4-15)
Pst Flicker	5 % (0,2 ... 10Pst) (IEC 61000-4-15)
Current harmonics (THD)	(up 50th) Class 1 (IEC 61000-4-7)
Voltage harmonics (THD)	(up 50th) Class 1 (IEC 61000-4-7)

MYeBOX

CODE	TYPE	Class	Communications	No. of voltage measurement inputs	Measuring current Channels	Measuring Channels	Transistor output	Digital inputs	Nr Sensors
M840230000A00	MYeBOX-150	Class A	Wi-Fi	4	4				
Portable analyzer kits with current sensors									
M844330000A00	MYeBOX-1500-4G		Wi-Fi 4G			5	2	2	
M8445B0000A00	MYeBOX-1500-4G + 3 FLEX-R45		Wi-Fi 4G			5	2	2	3 FLEX-R45
M8445C0000A00	MYeBOX-1500-4G + 4 FLEX-R45		Wi-Fi 4G			5	2	2	4 FLEX-R45
M8445D0000A00	MYeBOX-1500-4G + 3 FLEX-R80		Wi-Fi 4G			5	2	2	3 FLEX-R80
M8445E0000A00	MYeBOX-1500-4G + 4 FLEX-R80		Wi-Fi 4G			5	2	2	4 FLEX-R80
M844530000A00	MYeBOX-1500-4G + 3 CPG-100		Wi-Fi 4G			5	2	2	3 CPG-100
M844550000A00	MYeBOX-1500-4G + 3 CPRG-500		Wi-Fi 4G			5	2	2	3 CPRG-500
M84023.	MYeBOX-150	According to Class A	Wi-Fi	4	4				
M84433.	MYeBOX-1500-4G		Wi-Fi 4G			5	2	2	



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CODE	TYPE	Class	Communications	No. of voltage measurement inputs	Measuring current Channels	Measuring Channels	Transistor output	Digital inputs	Nr Sensors
M8404B.	MYeBOX-150+3 FLEX-R45	According to Class A	Wi-Fi	4	4				3 FLEX-R45
M8445B.	MYeBOX-1500-4G + 3 FLEX-R45		Wi-Fi 4G			5	2	2	3 FLEX-R45
M8404C.	MYeBOX-150-4 FLEX-R45	According to Class A	Wi-Fi	4	4				4 FLEX-R45
M8445C.	MYeBOX-1500-4G + 4 FLEX-R45		Wi-Fi 4G			5	2	2	4 FLEX-R45
M8404D.	MYeBOX-150-3 FLEX-R80	According to Class A	Wi-Fi	4	4				3 FLEX-R80
M8445D.	MYeBOX-1500-4G + 3 FLEX-R80		Wi-Fi 4G			5	2	2	3 FLEX-R80
M8404E.	MYeBOX-150-4 FLEX-R80	According to Class A	Wi-Fi	4	4				4 FLEX-R80
M8445E.	MYeBOX-1500-4G + 4 FLEX-R80		Wi-Fi 4G			5	2	2	4 FLEX-R80
M84043.	MYeBOX-150 + 3 CPG-100	According to Class A	Wi-Fi	4	4				3 CPG-100
M84453.	MYeBOX-1500-4G + 3 CPG-100		Wi-Fi 4G			5	2	2	3 CPG-100
M84045.	MYeBOX-150 + 3 CPRG-500	According to Class A	Wi-Fi	4	4				3 CPRG-500
M84455.	MYeBOX-1500-4G + 3 CPRG-500		Wi-Fi 4G			5	2	2	3 CPRG-500



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Dimensions



Connections

