

5 ISOM FP-60 R_{Ld} value

1

L/N
PE
max 0-600 V L-PE

2

min 12 sec

18/09/18--10:59:12 Clamp Status:OK Save:OK Bat:73%

IL ... A **R_{Ld} > 350 kΩ**

Id 5.6 mA CLd 0.0 F UL 152 V

Rf 5.0 kΩ Rfc 5.1 kΩ

IFL SET SENS PARAM OSC

6 ISOM FP-60 I_L Alarm

18/09/18--11:22:00 Clamp Status:OK Save:OK Bat:69%

IL ... A **R_{Ld} 45.1 kΩ**

Id 5.4 mA CLd 20.4 uF UL 66.4 mV

Rf 5.0 kΩ Rfc 5.6 kΩ

IFL SET SENS PARAM OSC

min 12 sec

18/09/18--10:59:12 Clamp Status:OK Save:OK Bat:73%

IL ... A **R_{Ld} > 350 kΩ**

Id 5.6 mA CLd 0.0 F UL 152 V

Rf 5.0 kΩ Rfc 5.1 kΩ

IFL SET SENS PARAM OSC

min 12 sec

18/09/18--11:22:19 Clamp Status:OK Save:OK Bat:69%

IL 3.5 mA **R_{Ld} 1.6 kΩ**

Id 6.0 mA CLd 294 uF UL 68.7 mV

Rf 5.0 kΩ Rfc > 350 kΩ

IFL SET SENS PARAM OSC

R_F

min 12 sec

18/09/18--10:59:12 Clamp Status:OK Save:OK Bat:73%

IL ... A **R_{Ld} > 350 kΩ**

Id 5.6 mA CLd 0.0 F UL 152 V

Rf 5.0 kΩ Rfc 5.1 kΩ

IFL SET SENS PARAM OSC

OK!

7 ISOM FP-60 menus

18/09/18--10:59:12 Clamp Status:OK Save:OK Bat:73%

IL ... A **R_{Ld} > 350 kΩ**

Id 5.6 mA CLd 0.0 F UL 152 V

Rf 5.0 kΩ Rfc 5.1 kΩ

IFL SET SENS PARAM OSC

IFL SET

18/09/18--10:46:00 Clamp Status:OK Save:OK Bat:75%

RL : 24.3 Ω L : 4.5 H

Nb Turns : 1000

Cal auto : ON

IFL OSC EDIT

SENS

18/09/18--10:46:09 Clamp Status:OK Save:OK Bat:75%

DATE FORMAT DD/MM/YYYY

DATE SEPARATOR /

DATE 10/09/18

TIME 10:46

BUZZER OFF

PARAM

18/09/18--11:11:57 Clamp Status:OK Save:OK Bat:65%

R: kΩ 1.7

C: uF 3.5

I: mA 3.5

V: V 5.81

L: 04 H

OSC

socomec
Innovative Power Solutions



ISOM PS-62

PORTABLE INSULATION FAULT LOCATION SYSTEM



Portable Insulation Fault Location System
ISOM PS-62
4725 0211



Portable Locating Current Injector
ISOM JP-62
4725 0221
Cables kit for ISOM JP-62
4725 0293



Portable Insulation Fault Locator ISOM FP-60
4725 0230
Cables kit for ISOM FP-60
4725 0291



Portable sensor
ISOM P-20
4794 1020



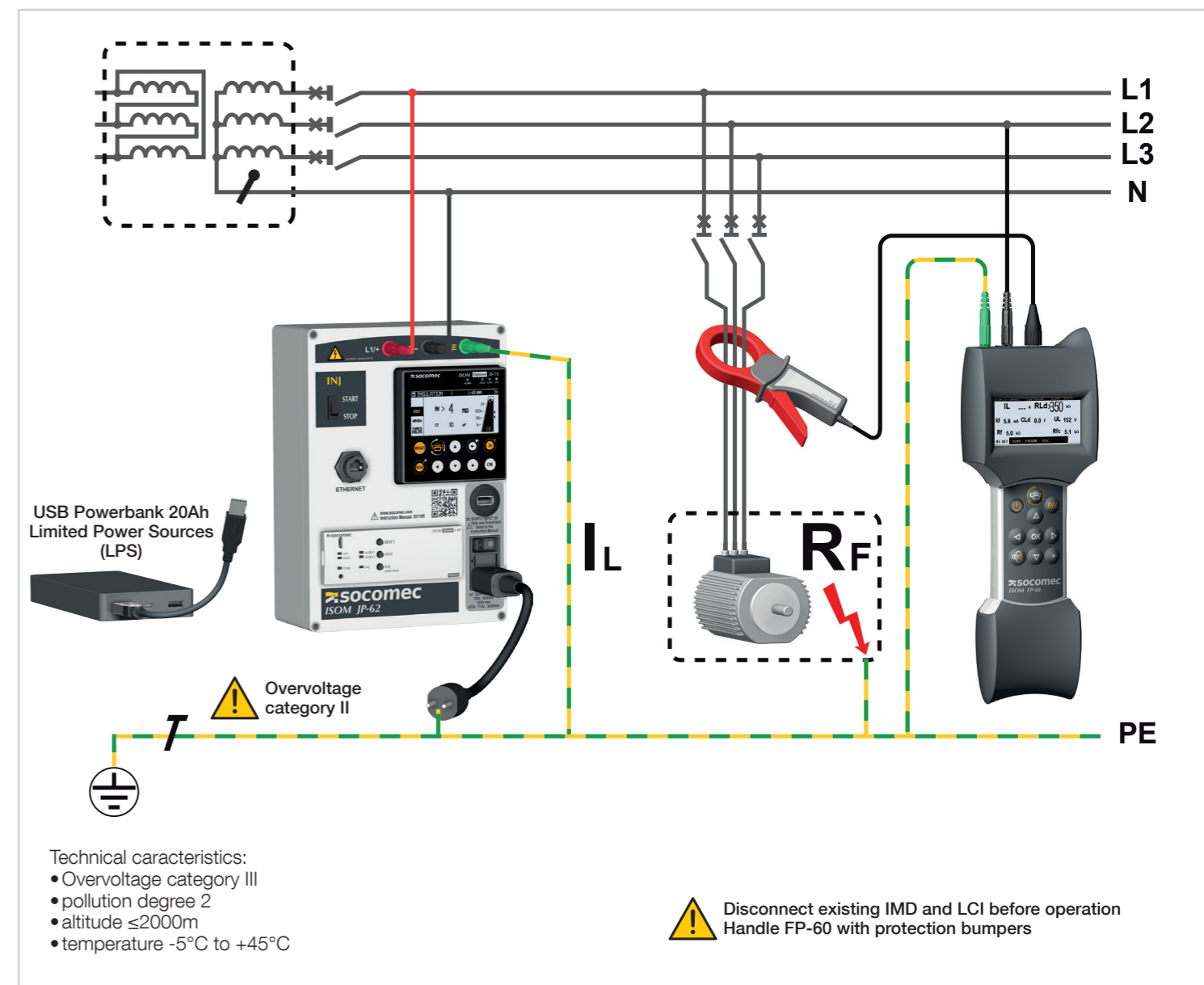
Portable sensor
ISOM P-52
4794 1052



Optional :
Portable sensor
ISOM P-120
4794 1120



Full user manual:
www.socomec.com/operating-instructions
www.socomec.com



1 ISOM JP-62 Network connection

1 Fuses! 2 A gG

2 U_n max 480 VAC L/L' or L/N / VDC

1 Fuses 2 A gG

3 AC

AC

3AC+N

DC

3 ISOM P-xx Sensor connection

1

2

18/09/18--10:44:37 Clamp Status C Save:OK Batt:76%

IL ... A $RLd > 350$ k Ω

Id 5.3 mV

Rf 5.0 k Ω

IFL SET SENS PARAM OSC

Don't move sensor during calibration! The calibration must be done with the empty clamp

18/09/18--10:44:46 Clamp Status C Save:OK Batt:76%

IL ... A $RLd > 350$ k Ω

Id 5.0 mV

Rf 5.0 k Ω

IFL SET SENS PARAM OSC

✓ **Clamp Status: OK**

✗ **Clamp Status: D**

2 ISOM JP-62 Configuration & Operation

1 Profile configuration

2 sec EVENTS

PARAMETERS OK Code 100

DISPLAY CONFIGURE A DEVICE AUTODETECT SERIAL

DIRIS ...

PRODUCT_6 ... OK

INSULATION MESURE ISOM ALARM

PROFILE OK

IMD INJECTION ...

DISTRIBUTION I_{max} 25mA

CONTROL CIRCUIT I_{max} 1mA

2 Voltage U_n configuration

2 sec EVENTS

PARAMETERS OK Code 100

DISPLAY CONFIGURE A DEVICE AUTODETECT SERIAL

DIRIS ...

PRODUCT_6 ... OK

NETWORK

NOMINAL VOLTAGE OK value

NOMINAL VOLTAGE NETWORK TYPE OK

2P, 1P+N et DC.

3 Injection activation

4

Powerbank

DC SUPPLY INPUT 5V Only use Powerbank listed in the Instruction Manual

AC SUPPLY INPUT 250V 50/60Hz 8x20mm

4 ISOM P-xx Sensor handling

	JP-62 Injection period	FP-60 Period Analysis
AC network	6s	6s
	12s	12s
	24s	24s
DC network	12s	6s
	24s	12s