### Technical data

# Schiller FRED PA-1 / DefiSign Life AED

# **System**

#### Device

**Dimensions:** 310 x 255 x 100 mm (h x I x w)

Weight: 2.5 kg (incl. battery)

## **Ambient conditions**

### Temperature:

- Operation: -5 to 40 °C;
- Transport/storage: -20 to 50 °C

- Operation: 30 to 95 % non-condensing
- Transport/storage: 0 to 95% non-condensing

#### Pressure:

- Operating: 700 to 1060 hPa
- Transport/storage: 500 to 1060 hPa

Dust and water protection: IP55

#### Electrical data

Power supply: Replaceable Li-MnO2 battery 15 V, 2.8 Ah Battery capacity: more than 140 shocks at maximum energy, if device is stored/used in optimal temperature conditions between 15 to 25 °C.

Standby duration: 6 years with weekly self-tests (corresponding to laboratory tests at 25°C)

#### Display/voice prompts

LED and pictograms with voice prompts to guide the

Voice prompts languages: The device can be provided with different languages. Optional configuration with 3 languages, selectable after switching ON the device.

Metronome: configurable pace for CPR

# Interfaces & data recording

Interface: SD card

Recorded data: 2 hours ECG signal recording and 500 technical events

### **Defibrillation**

# **Defibrillation mode**

AED

Semi-automatic or fully automatic version

#### Waveform

BTE (Biphasic Truncated Exponential)

AED adult: 150/200/200 J - other energies settings can

AED child: 50/50/50 J - other energies settings can be configured - automatic adaptation when paediatric pads are connected

#### **Pads**

Type: for adult and child

Cable length: 2 m

Size pads: 80 cm<sup>2</sup> active surface

RFID tag: for pads shelf life monitoring





#### **Standards**

#### Certification:

Classification according to Directive 93/42/EEC: II b Standards:

- IEC60601-1: Electrical safety
- IEC60601-1-2: EMC
- IEC60601-2-4: Defibrillators
- IEC 60529: Protection indication

Notified body: (€ 0459







