

EFA7 – Personal Detector of Proximity to Dangerous Voltage

General Description

The purpose of the EFA7 hand-held electric field detector is to signal the proximity of a dangerous medium voltage (typically from 6 to 110 kV), 50 Hz (optionally 60 Hz) in a timely and clear manner, which will prevent electric shocks due to unwanted safety distances. The detector measures the level of the basic harmonic intensity of the alternating electric field and, when the set level is exceeded, immediately warns the worker with a strong signal of the occurrence of a dangerous situation, so that he can react in time.

Basic Features

- ❑ signaling of dangerous approach to a place where high voltage occurs,
- ❑ housing with IP67 protection,
- ❑ wrist attachment,
- ❑ suitable for outdoor and indoor electrical wiring,
- ❑ an additional level of protection to prevent electric shocks,
- ❑ light, sound and vibration signaling,
- ❑ configurable levels of electric field detection according to the used voltage levels of distribution networks,
- ❑ detector settings and FW update via Bluetooth,
- ❑ support application for mobile devices – Android OS,
- ❑ active mode is automatically switched on by user's movement – detected by accelerometer,
- ❑ automatic shutdown after 1 hour of inactivity,
- ❑ battery life approx. 40 hours of active mode,
- ❑ wireless charging according to the Qi standard,
- ❑ the charging base is an optional accessory and is powered via the USB interface,
- ❑ battery status indication,
- ❑ optionally other color versions, e.g., for distinguishing of voltage levels,
- ❑ operating temperatures -20 to +60 ° C,
- ❑ charging temperatures 0 to +45 ° C,
- ❑ relative humidity 20 to 90% without condensation,
- ❑ weight 65 g (without packaging).

Reasons for the Product Purchasing

- ❑ a failure of standard security measures can never be completely prevented,
- ❑ if the device is used correctly, this measure does not depend on human factors,
- ❑ this is the last warning in case of failure of other measures.



EFA7-A – allows the use of different lengths of wrist straps to be worn under or over work clothes



EFA7 – standard wrist strap version

