



DEHNsense EFD | Electrical Field Detector

Your additional warning – adjustable to the system!

Pilot customers wanted

Available from Q1/2024

The electric field detector (EFD) warns of the danger of electric current by detecting critical electrical voltage and alerting the user in good time before entering the danger zone. It serves as an additional measure to the 5 safety rules and significantly increases safety when working on electrical systems.

Clear advantages for safe working

Always at the right installation. If the technician accidentally approaches the wrong live switchgear cell or overhead contact line, a clear alarm is given.

Optimum response value. The response sensitivity of the EFD can be adapted to the specific installation in order to avoid false alarms.

Triple alarm. Visually, acoustically and haptically warnings prevent penetration of the danger zone.

Smart work. The EFD can connect to the DEHNwork app, display device information, and make application-specific settings on the device.

Easy documentation. All important events of the work order are logged in the DEHNwork app.

Suitable for every work situation

Flexible!

The light and compact voltage alarm DEHNSense EFD can be worn in different ways and operated safely, even with gloves.



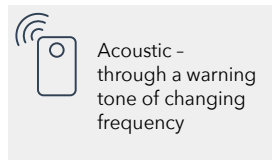
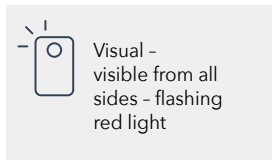
on the wrist



on a helmet

Triple alarm!

If the previously defined voltage zone is approached, a three-fold warning is given:



Smart connection to DEHNwork app

More comfort.

DEHNSense EFD works with an app link. So that data can be conveniently set or displayed in advance via smartphone or tablet (iOS or Android). In addition, installation profiles can be activated, newly created, or adapted to the real installation conditions via the app.

One of a kind.

Using the DEHNwork app, you can read in a QR code generated for a specific system and transfer the individual response value to the EFD without contact.



Technical data

EFD BU 6 420 C

Part no.	740 200
Nominal voltage U_N	6 420 kV
Frequency	50 & 60 Hz
Battery capacity	750 mAh, replaceable
Charging	contactless (Qi - standard) *)
Degree of protection	IP 65
Self-test function	yes
Handling	1-button operating concept
Operation	standby mode (continuous operation)
Internal memory	yes
Dimensions	50 x 70 x 30 mm
Transmission type	Bluetooth LE

*) Note: Required charger with Qi standard not included

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Learn more about
DEHNSense EFD:
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