



DEHNSense EFD | Electrical Field Detector

Your additional warning – can be adjusted to your specific system!

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.

Recognise danger in good time

Visual and acoustic signals warn against entering danger zones. DEHNSense EFD also alerts the user by vibrating.

Use exact response values

You can adapt the response sensitivity of the EFD to your specific installation in order to avoid false alarms. System profiles can be created in the DEHNwork app, then read and activated on the system via QR codes on a smartphone.

Digitally networked and smart working

Manage your individual system profiles easily and clearly with the DEHNwork app. Use this app to display device information and adjust the DEHNSense EFD settings to the specific application.

Long operating times

The high rechargeable battery capacity and optimised, low energy consumption ensure a long battery life. Replaceable battery charging is contactless.

Suitable for every work situation

Flexible wearability and easy operation

The DEHNsense EFD voltage alarm is light and compact, and can be worn in different ways to suit requirements. The 1-button operating concept enables optimum use even when wearing gloves, and the voltage alarm can be muted for conversations regarding switching operations in next to no time.



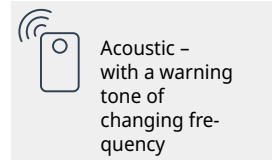
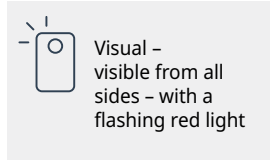
On the wrist



On a helmet

Triple alarm

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



Smart connection to DEHNwork app

Use your smartphone or tablet (iOS or Android) to display data or make settings. You can use the app to activate system profiles, create new ones or adapt existing ones to the actual conditions.

Using the app, you can read a QR code for a specific system and transfer the correct response value to the EFD. You customise individual response thresholds in the app within defined limits using sliders.



Technical data	EFD BU 6 420 C
Part no.	740 200
Nominal voltage U_N	6 - 420 kV
Frequency	16.7 - 60 Hz
Rechargeable battery capacity	750 mAh
Charging	Contactless
Degree of protection	IP 65
Self-test function	Yes
Control	1-button operating concept
Operation	Standby mode (continuous operation)
Dimensions	50 x 70 x 30 mm
Transmission type	Bluetooth LE

*) Note: Required charger not included

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