

DIZ | Doepke-Info-Zeitung

The free customer newsletter from Doepke Schaltgeräte GmbH



IN THIS ISSUE

Light + Building 2022 1

Compact multi-level protection
for charging columns and wall boxes 2

Protects tradespeople,
rescue workers and roadies 2

Detect and prevent 3

Digital Light + Building 2022 3

E-brand partner 2022 4

Sabiene's travels 4

Doepke at de-Normtagung 4

Success at running event 4



Light + Building 2022

At long last! After the 2020 trade fair was first postponed and ultimately cancelled altogether, and the 2022 event was put back too, Light + Building 2022 is finally going ahead: the Autumn Edition will take place from 2nd to 6th October.

Preparations are in full swing at Doepke. Many departments have been planning for the trade fair for quite some time and are now eagerly looking forward to the first week of October. Expectations are high, as a lot has happened at Doepke in the four years since Light + Building (and most other trade fairs) was last held. Aside from the general boom in electronic products, due in part to the growth of electromobility, an increased international

focus has triggered a huge surge in demand for Doepke products. Not only has this made major investments in buildings, machines and staff necessary, it has also made it possible. Doepke is growing – expanding its footprint, increasing staff numbers and production figures, and, in particular, extending its product portfolio.

As a result, Doepke has plenty of new products in store again for Light + Building, some of which we also will be previewing in this issue of DIZ.

There's no doubt Light + Building 2022 will be different compared to previous years. For the first time, the trade fair will have a 'digital twin', so expected visitor figures to the in-person event in

Frankfurt are lower than in previous years. That simply means there will be more time for long-awaited conversations with customers, experts, prospects and you, if you wish. If you would like to be there, head over to doepke.de, where you can quickly order free tickets for the trade fair. ■

Visit us

at stand A03 in hall 12.1

from 2nd to 6th October 2022 at

light+building

Compact multi-level protection for charging columns and wall boxes

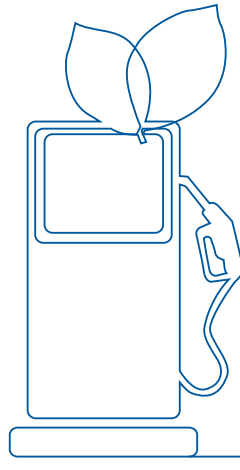
DFS 6 A EV OCP HD and DFS 4 A EV NA

Residual current protection expert Doepke will present two new highlights from its electromobility product range at Light + Building:



The DFS 6 A EV OCP HD, which we fondly refer to as the 'Super EV', combines residual current and over-current protection in a compact unit measuring just six module widths. It offers Doepke's usual reliable protection for EV models: the active additional function detects smooth DC residual currents ≥ 6 mA, which can occur when charging electric vehicles.

Thanks to the HD design, the circuit-breaker is particularly resistant to extreme temperature fluctuations and moisture. What's more, it has an integrated switchable over-current release. The latter's electronic design means that high temperatures, e.g., due to solar radiation, do not impair its function. The charging capacity can optionally be



switched to 16 A or 32 A. As there is no need for miniature circuit-breakers and contactors, the 'Super EV' saves a lot of space in the charging device.

Another newcomer in the 'EV family' is the DFS 4 A EV NA. Residual current circuit-breakers in this design have an emergency shut-off function. In other words, they not only monitor the charging device, but also the external emergency shut-off circuit. In the event of danger, one or more charging points can therefore be turned off centrally by pressing a connected emergency shut-off switch or button. ■



Protects tradespeople, rescue workers and roadies

DPRCD-M – module for personal protection switches

Personal protection switches (portable residual current devices or PRCDs) are used to increase the level of protection in mobile applications. Typical applications include the construction sector, events industry and also rescue operations. PRCDs ensure AC-DC sensitive residual current protection when sockets in existing electrical installations are used, and the upstream protective measure is either unknown or insufficient.

With the DPRCD-M, Doepke is introducing a compact module to form a five-pin personal protection switch. The DPRCD-M combines an AC-DC sensitive residual current protection device with network and protective conductor monitoring. With a rated residual current of 30 mA, it offers reliable personal protection and also ensures the protective function of upstream residual current circuit-breakers due to a 6-mA DC threshold. If it is tripped due to undervoltage,

the DPRCD-M does not switch on again automatically when the voltage is restored for safety reasons. The module also offers external residual current and rotating field detection.

The DPRCD-M from Doepke is available up to 63 A nominal current. It offers full flexibility as the module can be used in a wide range of mobile distribution boards and can be installed on mounting rails. ■

Portable
personal
protection



Detect and prevent

Predictive maintenance with Doepke e.Guard



intelligent monitoring of the residual currents in electrical installations, allows the condition of the installation to be checked comprehensively. First of all, the monitoring means there is no longer any need for repeated insulation testing in accordance with DIN VDE 0105-100/A1.

But e.Guard offers so much more. With the aid of artificial intelligence (AI) methods, the residual current data collected can be used to identify trends that indicate how the installation might behave in the future. As a result, e.Guard enables early, planned intervention, increasing safety and minimising risks for companies and insurers. In other words, e.Guard makes preventive maintenance possible in electrical installations.

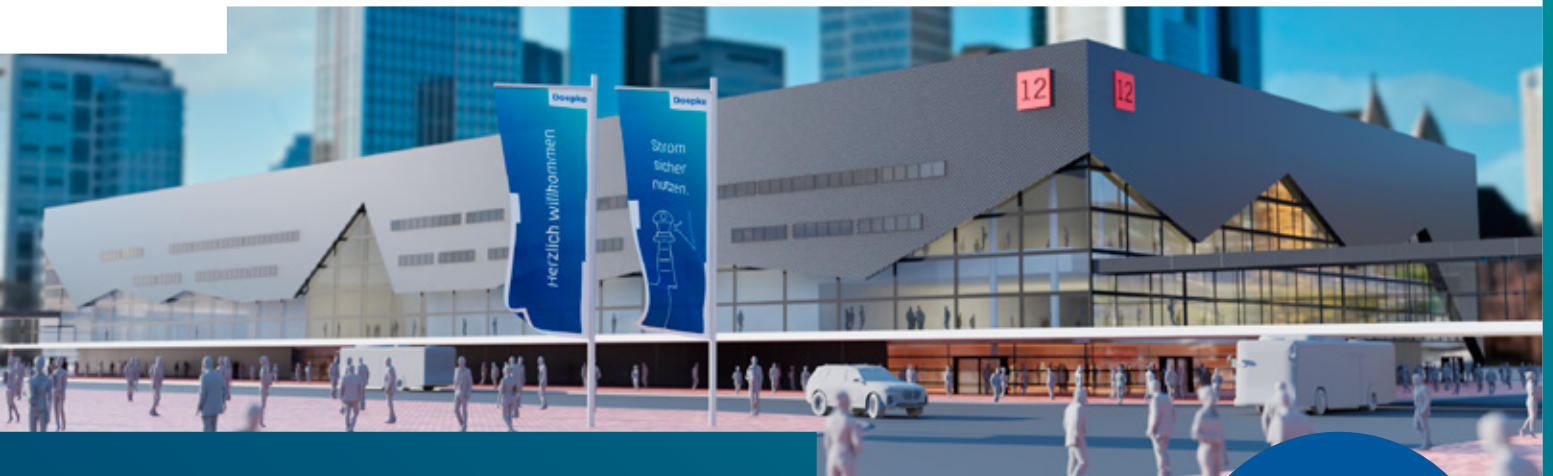
In Industry 4.0, data-based models of installations' future conditions are becoming increasingly important. These enable industrial installations to be maintained proactively, helping to avoid costly failures or damage. Doepke set itself the goal of implementing predictive maintenance in electrical installations at the start of a multi-year development process.

The result is a new product, a new sub-brand and a new design.

Together with software expert twingz, Doepke will be presenting the new product, e.Guard, for the first time at Light + Building. It is a modular system consisting of smart hardware components and flexible software components, which, thanks to continuous

e.Guard has a modular design and can be configured to meet individual needs thanks to its five levels. The system offers intelligent installation monitoring – from a flexible stand-alone solution for smaller set-ups through to a fully integrated, customised complete package in the system landscape of complex industrial structures.

Visit eguard.de to find out more. ■



Digital Light + Building 2022

Visit our digital trade fair stand for Light + Building from 23/09/2022. This online digital trade fair platform allows you to keep up to date with all the latest information relating to the safe use of electricity. Click through news, trade fair highlights, product videos and much more, 365 days a year, free of charge and with no registration required.



 expo.doepke.de

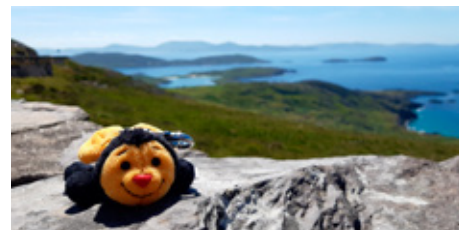
E-brand partner 2022

We have been recognised as an E-brand partner 2022 by the ZVEH (Central Association for German Electrical and Information Technology Trade). ZVEH president Lothar Hellmann presented the award to our CEO, Andreas Müller, at the association's annual conference. We are thrilled to receive this recognition! ■



Sabiene's travels: Céad míle fáilte

Not only does Sabiene love Ireland's beautiful landscape, but she also finds the Irish people to be warm and welcoming. In many places, they welcome visitors with the traditional phrase 'céad míle fáilte', meaning one hundred thousand welcomes, and say 'slainté' (or 'good health') as a drinking toast. Irish historical monuments are impressive too, such as the Rock of Cashel. The 65-metre mountain was revered as a place of fairies and spirits in



ancient times. In the 4th century, a stone castle (Caiseal) was erected here, which became the seat of the kings of Munster and was later the site of church buildings, parts of which can still be seen today and draw many tourists. ■

Doepke at de-Normentagung

The Normentagung event run by 'de – das elektrohandwerk' trade magazine is a well-established, important information event for those in the electrical trade. For several years now, our colleague Stefan Davids, Head of Technical Sales, has been a regular visitor to the event, attending as a speaker. This year will be no exception, with Stefan presenting information on the use of RCDs in charging infrastructure for e-mobility at the hybrid event (in Munich and online). ■



Success at running event

First place for Doepke runners at the Ørsted summer relay in Norden! Edda Ommen and Caroline and Anna Hoppe represented Doepke brilliantly at the running event, finishing in first place in the women's race. Our youth team also came first in the U12 event. The Bambini run for little ones does not award places, but the Doepke kids ran brilliantly. We are immensely proud of everyone who took part. ■

DATES/NOTES

Light + Building 2022

2nd–6th October 2022, Frankfurt, hall 12.1, stand A03

Belektro

8th–10th November 2022, Berlin, hall 1.2, stand 1062

SPS – Smart Production Solutions

8th–10th November 2022, Nuremberg, hall 4A, stand 365

GET Nord

17th–19th November 2022, Hamburg, hall B5, stand 331

Doepke talk

14th of December 2022, online
Further info: www.akademie.doepke.de

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QUOTE OF THE QUARTER

*There are no strangers
here, only friends
you haven't met yet.*

From Ireland