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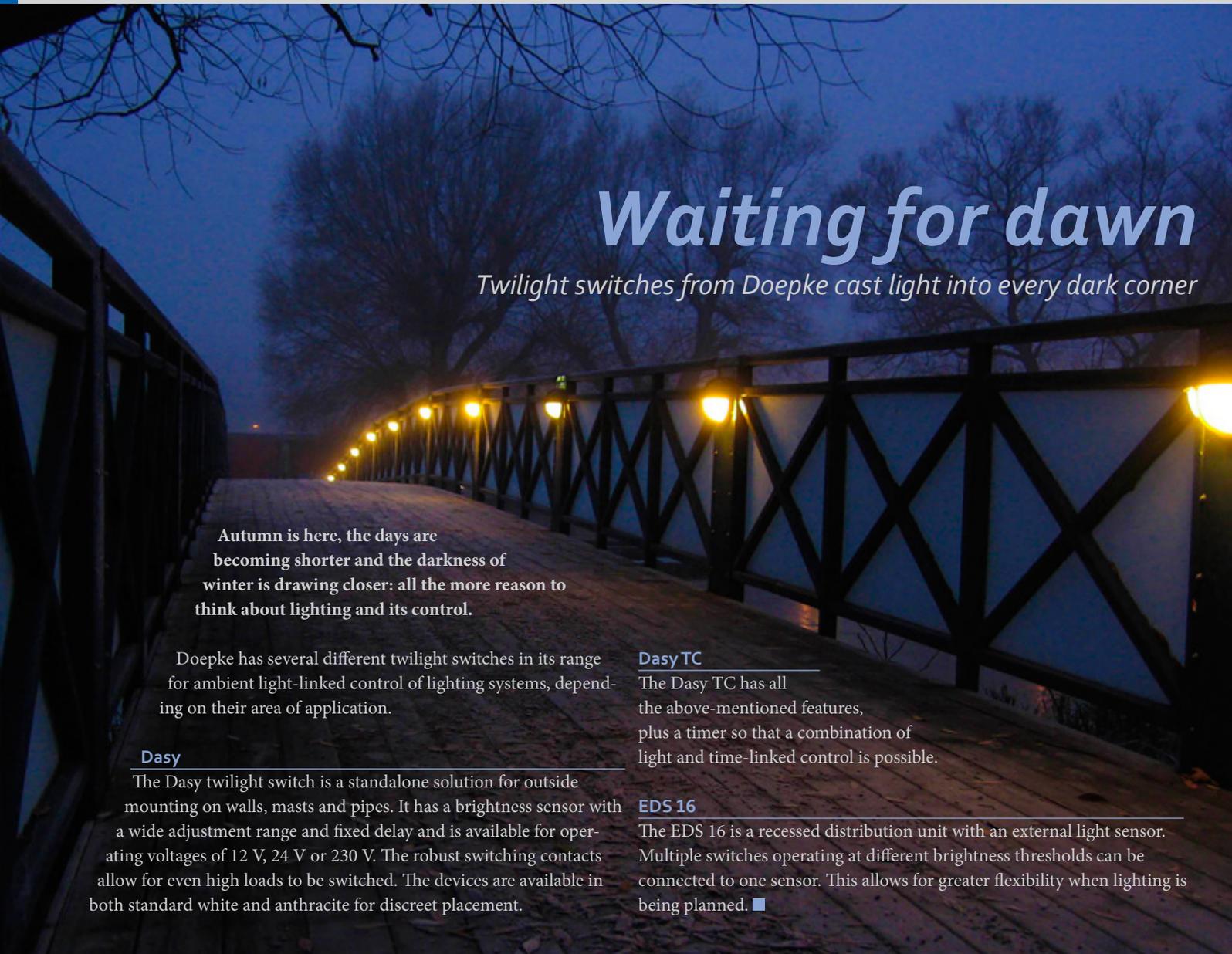
DOEPKE-INFO-ZEITUNG

THE FREE CUSTOMER NEWSLETTER BY DOEPKE SCHALTGERÄTE GMBH

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Waiting for dawn

Twilight switches from Doepke cast light into every dark corner

Autumn is here, the days are becoming shorter and the darkness of winter is drawing closer: all the more reason to think about lighting and its control.

Doepke has several different twilight switches in its range for ambient light-linked control of lighting systems, depending on their area of application.

Dasy

The Dasy twilight switch is a standalone solution for outside mounting on walls, masts and pipes. It has a brightness sensor with a wide adjustment range and fixed delay and is available for operating voltages of 12 V, 24 V or 230 V. The robust switching contacts allow for even high loads to be switched. The devices are available in both standard white and anthracite for discreet placement.

Dasy TC

The Dasy TC has all the above-mentioned features, plus a timer so that a combination of light and time-linked control is possible.

EDS 16

The EDS 16 is a recessed distribution unit with an external light sensor. Multiple switches operating at different brightness thresholds can be connected to one sensor. This allows for greater flexibility when lighting is being planned. ■



HD has been on everyone's lips for a long time – including ours

Doepke's heavy-duty design for tough ambient conditions

While the term 'HD' stands for 'high definition' image quality in entertainment electronics, we use "HD" to refer to special residual current circuit-breakers that are 'heavy duty'. These residual current circuit-breakers can be used for significantly extended operating durations in tough environments, including at building sites, where there are strong temperature fluctuations as well as increased moisture and possible build-up of dust and dirt.

Due to their ambient corrosive gases, swimming pools also present challenging environments (chlorine), as do paint shops (solvents) and agricultural facilities (ammonia). These corrosive gases can

damage metal components and the corrosion is accelerated when air humidity is also higher. Add-on housings that are meant to protect the residual current circuit-breaker from external influences are not effective during times of repair and maintenance work at the least, and there is air exchange inside the add-on housing. These add-on housings also cannot protect the circuit-breaker from thermal influences, or can only do so to a limited extent.

What makes the HD design different?

A residual current circuit-breaker functions through the interaction of electronics and mechanics, which is why these areas were designed

for challenging usage conditions for the HD version. For example, the trip – which is the core of a residual current circuit-breaker – is specially encased. The latch is made of premium stainless steel so that the circuit-breaker function is not affected in the slightest, even after a longer time being used in aggressive environments.

All HD devices also have an extended operating temperature range: devices from 80 A can be operated from -40°C to +40°C and devices up to 63 A can be operated up to +60°C.

From a purely aesthetic point of view, HD devices can be recognised by the printed HD symbol.

These devices have the same basic function as the standard devices. This is why HD circuit-breakers have the same item numbers as their standard counterparts, with the HD designation at the end. So, for example, the HD version of a DFS 4 040-4/0,03-B SK with item number 09134998 will have item number 09134998HD. Each of our residual current circuit-breakers is available in HD design. ■



Melanie Brandes
Team Leader for Product
Management



More about HD:



More safety for the construction industry

The German employer's liability insurance association for the construction industry (BG Bau) promotes retrofitting of building-site distribution boards

More and more electrical devices can produce smooth DC currents which cannot be detected by conventional residual current circuit-breakers. The same also applies to building sites. Taking into account a current draft standard, BG Bau is supporting the retrofitting of building-site distribution boards with AC-DC sensitive type B residual current circuit-breakers.

In many building site installations, protection by means of AC-DC sensitive residual current circuit-breakers is already mandatory, since only in this way can multi-phase frequency-controlled devices be reliably operated. A new draft of DIN VDE 0100-704 now provides for the general protection of three-

phase current sockets up to 63 A with AC-DC sensitive residual current circuit-breakers.

As part of the occupational health and safety scheme, BG Bau is promoting the conversion and retrofitting of building-site distribution boards by paying 25% of the purchase price (up to €300 per fitting). The residual current circuit-breakers must have VDE approval and be type B (circuit-breakers from series B + MI are also covered). More information on this can be found at www.bgbau.de.

But how is this protection achieved when the electrical installation is already set up on the building site and can no longer be changed?

The solution is simple: Doepke has developed the Protection Box, a device that meets all requirements for AC-DC sensitive residual current circuit-breakers type B SK, while at the same time preventing the saturation of

the upstream transducer and ensuring its continued function. The Protection Box is simply installed by connecting to an existing CEE socket, making it a quick alternative for AC-DC sensitive protection on building sites. ■



Swiss weeks at Doepke

Doepke attends electrical industry trade fair Ineltec in Basel and the annual VESK conference in Zurich

Basel always hosts Switzerland's largest electrical industry trade fair, Ineltec, every two years in mid-September. Doepke was able to present and demonstrate its new products and high-quality switchgear once again at the stand it shared with sales agency Demelectric AG.

With 282 exhibitors showcasing new technologies, trends and innovations for building automation and lighting and energy management, the trade

fair attracts approx. 16,900 visitors. There was great interest primarily in the number of AC-DC sensitive residual current circuit-breakers and the Selftest and emergency-stop switchgear.

The new DAFDD fire protection switch was a true star, which Daniel Gull, Product Manager for Doepke, and Demelectric AG presented in the best light at the stand. We would like to thank the entire Demelectric AG

team for the fantastic cooperation and work they put into a very successful trade fair.

The week following Ineltec saw the annual conference of the Association of Swiss Electrical Inspectors (VSEK), which took place in Albisgütli, Zurich, on 22 September. VSEK is a practical professional association with a rich history and represents more than 2,500 professionals from the electrical industry.

Members and electrical inspectors glean information about new technical developments, promotions, electrical safety and the current state of national and international standards at the conference.

Doepke was fortunate to take part in this excellently organised, extremely professional event. At our shared stand, Demelectric AG (represented by Manfred Krattinger) and Doepke were able to showcase and demonstrate the function of a number of different residual current circuit-breakers, such as type A, B and F, as well as



The VSEK conference was well attended

the new Selftest, emergency-stop and fire protection switches to the nearly 650 conference participants.

The new technical documentation, which is now available in German and French in bilingual format, was also of great interest. ■



The Demelectric AG team at our trade fair stand



*Wolfgang Sorg
Sales Promotion South*

Training that has grown

Miele continues to expand its skilled sales team

For some time now, implementing the right residual current protection has not been as easy as it was several decades ago. At that time, there were not too many other options besides 'the residual current circuit-breaker', whereas today the right device has to be selected from a multitude of types.

Modern residual current circuit-breakers not only differ in terms of their rated currents or tripping currents, but also very basically in terms of the type of residual currents they detect. Choosing the right device is mainly based on the type of potential residual currents to be expected in the installation segment that needs protection.

That's where the manufacturers of electrical consumers are needed: they should be able to recommend



▲ From left to right: Dirk Kastrop from Miele, Frank Körnert from HV Körnert and Stefan Davids (Doepke)

▲ Visitors on the red sofa

the right residual current protection based on the installed components, in order to support electricians. Miele takes this responsibility seriously, which is why it hosted more than

20 sales managers from the catering and laundry system teams at its headquarters in Güterloh for a chance to expand their knowledge of exactly these types of detailed aspects of

residual current protection. Michael Kohl lead the training, Dirk Kastrop was the central coordinator and the content of the training was presented by Doepke instructor Stefan Davids. The participants were very interested, actively engaged and attentive. There were exciting discussions both during and after the training session. The Miele sales team is now in the best position to provide competent information and advice to its business partners on the specific details of AC-DC sensitive residual current protection. ■



*Stefan Davids
Head of Sales
Promotion*

Doepke's summer fête

It is a tradition that every summer a large part of the Doepke team come together for a festive evening. This year once again the summer fête was held in a marquee on the company grounds.

The evening was well attended and, in addition to great music, there was also pleasant conversation and a delicious BBQ buffet. We were fortunate to enjoy good weather as well! Colleagues danced and laughed late into the night. This event is sure to be repeated in coming years!



Plenty of space and a pleasant atmosphere in the marquee

New voices in Sales

The Internal Sales team at Doepke is pleased to report new growth: three new employees have been in charge of order processing for several months now. All three enjoy working with customers a lot and bring both commercial and technical knowledge to the table.

Elke Westerkamp has been supporting the areas of industrial representation in Hamburg, Freiburg, Stuttgart and Frankfurt since April. The qualified industrial sales rep worked in internal sales for a publishing company for several years after completing her training. Elke is serious about fitness. She also likes the cinema, food and music.

Another qualified industrial sales rep joined the Sales team in June: Denise Janssen looks after the areas of Halle/Dresden and Dortmund. Her first year of working life at an East Frisian wind power company gave her a good technical understanding. In her free time Denise



New faces in Doepke Internal Sales: Elke Westerkamp, Tomke Müller and Denise Janssen

plays a typical East Frisian sport, street bowling. She also spends a lot of time at the gym.

In terms of her age, Tomke Müller is the 'baby' of the team, but already an old hand at Doepke. She completed her training as a media designer with us and naturally knows

our products and the company the best. She has been supporting the areas of Saarbrücken and Nuremberg as well as various export fields since August in the Internal Sales team. Outside of work, Tomke loves spending time with her friends, family and her dog Ojo, and enjoys playing handball.

Julio on the move

Summer, sun, Mallorca



Roof terrace with a sea view: Julio in Mallorca

This summer Julio was spotted in Cala Ratjada in Mallorca, a place known for its beautiful harbour among other things, which was created in the 17th century by the residents of Capdepera. Fishermen quickly moved in and Cala Ratjada is still the second most important fishing harbour in Mallorca after the capital city of Palma.

As far as holiday destinations go, this one is pretty much self-explanatory: it has big beaches and lots of small bays in and around Cala Ratjada. The evening hours are never boring – there are scores of bars and nightclubs in the city, including a beer fountain and huge cocktails. Of course, this makes it a popular destination for lots of young people. But whether you are young or old, looking for a cultural experience or an exciting night life, there is something for everyone in Cala Ratjada. The only complaint might be that the mornings there are often too bright. ■

DATES/NOTES

PLC/IPC/Drives Nuremberg
28–30 November 2017
Hall 3, Stand 3-467

11th Annual Electrical Safety Conference 2017
14 and 15 November, Kassel

Doepke's tendering documents
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www.ausschreiben.de

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QUOTE OF THE QUARTER

Wrong life cannot be lived rightly.

Theodor W. Adorno