SECURE APPLICATIONS IN E-MOBILITY

We Don’t Build Electrical Charging Poles -
But We Do Make Them More Secure.

Our products meet all e-mobility requirements:

Weather resistance

We won’t leave you out in the rain. Because we know that most charging stations for electric cars are located outdoors and are often exposed to extreme influences such as:

- Heavy rain, snow, hail
- Temperature change
- UV radiation
- Pollution

That’s why we develop locking solutions specifically for outdoor use that can withstand even the most extreme conditions and remain functional in the long term.

Long service life

A long service life is a matter of course for us. That’s why we only use high-quality materials such as stainless steel or powder-coated. In combination with our sophisticated design and solid workmanship, these materials are so robust that they can reliably withstand vandalism by opportunist vandals – even over decades.

Corrosion Protection

We play it safe: in order to optimally protect our locking solutions against corrosion, we only use high-quality materials for outdoor use. These are given a special surface finish with a UV-resistant powder coating. But that’s not all. To round off our closure systems, we offer clip-on profiles made of synthetic rubber.

Protection against vandalism

We offer no surface for attack: our locking solutions for outdoor use have beveled or rounded edges or flat superstructures. This means that our products cannot be used as climbing aids. With smooth and flat surfaces there is a reduced opportunity for hammer or crowbar attacks. Some of our solutions therefore meet the requirements of Resistance Class RC2.

The All-Rounder.
Versatile Use.

Swinghandle 2-104 is a multi-purpose device for outdoor use. It is dust and waterproof to IP65 in accordance with DIN EN 60529. Thanks to a UV-resistant powder coating, in the standard shade of gray of the switch cabinets, it is weather-resistant and blends in with the cabinet visually. The handle is also protected against opportunistic vandals by the following properties: The handle is angled upward so it cannot be used as a climbing aid. A latch bolt protects the swinghandle against being broken open.

2-104

2-104

T-Handle for Flat
Applications.

The T-Handle 3-145 is suitable if the latch has to lie especially flat on the switch cabinet. With two possible installation depths of 15 or 30 mm, it is flatter than a conventional swinghandle. When the latch is unlocked, the handle moves forward 90° and can then be turned 135° to open the door. Due to the flat design of the T-handle, it cannot be used as a climbing aid. The cylinder is also protected against breaking through. The handle is suitable for locking systems with flat and round rods and meets the requirements of protection class IP65 in accordance with DIN EN 60529.

3-145

3-145

The Standard
with Additional Protection.

This standard swinghandle can be locked by using a profile cylinder with 45° or 90° cam position. Version with cap meets the requirements of protection class IP65 in accordance with DIN EN 60529. Thus no dirt is able to penetrate into the latch.

2-090

For Robust
Requirements.

This swinghandle with liftable operating lever meets the requirements of resistance class RC2 and is dustproof and watertight in accordance with DIN EN 60529. That makes it suitable for various outdoor applications. A latch bolt (HRC 45) also protects it against being broken open and a steel insert makes it difficult to saw through.

2-102

2-126.01

2-126.02

Dual-Key Cylinder for
Double Cylinder Access.

The dual-key cylinder swinghandle with activation lever is suitable for switch cabinets when multiple groups of persons need to have access, for example two different service providers. Two different profile cylinders with lengths of 40 mm and/or 45 mm can be used for two-way locking. Thanks to integrated saw protection, even greater protection is provided than is indicated by Resistance Class 2 (RC2). The dual-key cylinder swinghandles also meet the requirements of protection class IP65 in accordance with DIN EN 60529.

Ready for Anything
with Stainless Steel.

Thanks to its material, this stainless steel swinghandle can withstand all weather conditions. Its flat design prevents it from being used as a climbing aid. In addition, the lock cylinder is secured in the recess and protected against being knocked out. Here too, we rely on the IP65 standard in accordance with DIN EN 60529.

7-066

Withstands Any
Weather.

E-charging poles are constantly exposed to the weathering effects of sun, rain and temperature differences. Gaskets under these conditions require special materials. Our PVC clip-on sealing profiles with sealed-on sponge rubber profiles made of synthetic rubber feature high aging resistance and elasticity. Type-tested to UL 157 and UL 50E, they are the first choice for durable sealing in e-charging poles.

5-153

Concealed for Additional Security.

Concealed hinges are seated in the housing and are suitable for surface mounted doors. This makes them invisible from the outside so there is no way to see where on the housing the hinges are located. Additional variants of concealed hinges are available for different sizes and fastening types.

4-120

A Well-Rounded Product.

As an alternative to swinghandles, this stainless steel 2-point latch can also be used in housings such as e-charging stations. It is suitable for controlling flat rods. The latch is closed by the key of the profile cylinder in accordance with DIN 18252. The latch is also dustproof and watertight to IP69K in accordance with DIN EN 40050.

6-503

Pioneering
in Latch, Hinge and Fastening Technology

Quarter-Turns

Swinghandles

Multi-Point Latches

Handles

Fastening Technology

DIRAK®

Hinges

Mechatronic Locking Systems

Gaskets

Latches

Customer-Specific Solutions

DIRAK is more than that!

We have plenty of other product solutions for your fields of application.

Contact us:

contactrequest@dirak.de
Phone: +49(0) 2333/837-0

DIRAK.com

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