

# The new dimension of cable management

- High robustness and protection for **wind energy**



- Cable entry system  
**KDL/E+**

**murrplastik®**  
Simply Smart Systems 



**In the course of the energy transition, new challenges arise when switching to renewable energies. For the various energy sources, we offer extremely durable and resistant as well as extremely dense and easy to assemble components and systems.**

Our broad product portfolio proves its quality and reliability under the most extreme continuous loads and environmental influences. This includes cable entry systems, cable protection and labeling. Whether it is photovoltaics, solar energy or wind energy on land or at sea, the demands on our wide product range in professional cable management are very high. It must be reliable, material resistant and durable. To meet this, we have developed our components and systems to be corrosion, UV and temperature resistant. Adapted to different applications and loads, our products are also vibration, impact and tear out resistant. In addition, they are highly dense and easy to assemble.





# KDL/E+

## Higher density and strain relief

### Properties that impress:

#### Higher density & strain relief

The additional frame provides a better and more stable compression of the grommets with the multiple screw connection. This provides higher density and strain relief.

#### Higher packing density & variability

It enables individual solution options through additional, stackable center parts as well as different standard and special grommets.

#### Better cleanability

The edges of the frames are more rounded and the surfaces are smooth. There are no dirt edges because the frame and grommets are aligned on the front.

#### Quick assembly & maintenance

As it is a splittable system, the connectors do not have to be removed when assembling, disassembling or replacing cables (warranty preservation).



#### Technical information

- Protection class IP 65
- Fire protection according to UL94-V0
- RoHS-compliance
- Temperature resistance -30°C - 100° (-40°F to 212°F)
- Halogen-free
- UL listed **Type 12**
- Ø range from 3mm to 32.5mm



- Our KDL/E+ is a completely splittable, stackable and stable cable entry system with high density and good strain relief for cables with connectors



# Discover our reliable products for Wind Energy



## UH-S

The UH-S holders, which can be lined up and stacked, are ideally suited for applications with special stability requirements, such as suspended cable laying in the tower of a wind turbine.

Equipped with the suitable cable protection conduits, the UH-S holders offer an excellent combination in terms of flexibility in use and durability, even under high dynamic loads.



## KDP/X

Our plastic cable entry plate KDP/X with snap-on function offers a tool-free, fast and gentle feed-through of cables.



## KDP/Z

Our plastic cable entry plate KDP/Z impresses with enormous time savings during assembly and a high packing density. The KDP/Z is particularly suitable for the fast and gentle routing of control cables for electronic systems in wind turbines.



## mp-LM – Series

murrSystems is the world's leading manufacturer for industrial labeling. Our labeling systems are characterized by high quality, durability and versatility. The tests carried out in in-house testing facilities guarantee durability even under the most extreme requirements (e.g. offshore). With our "Label on Demand" service, we offer customized label plates and labeling.



## EMC Series – Outstanding ease of assembly and very good conductivity

With the **m-seal EMC (EMV)** cable fittings, simple radial and axial movement of the cable are possible, even at contact location. The contact finger surfaces with rounded edges prevent damage to the conductor. In addition, the large surface on the contact finger makes low contact resistance possible, even on loosely woven cables (the contact area does not press into the conductor).



The steering components in today's wind turbines are becoming more and more complex. A good EMC concept therefore gains increasing importance. murrplastik's earthing and cable shielding products are designed to meet the demands for low bleeder resistance at high frequencies. In addition, the **SC-EMV** is characterized by their very easy handling.



## EWT-PP

The EWT-PP cable protection conduits consist of a two-part corrugated conduit system. The corrugated conduits can be opened/closed at any time, thus enabling the installation of prefabricated cables. This also facilitates the retrofitting or repair of the wind turbines.



**Do you have any questions?  
We will be happy to advise you personally.**

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