**Press release EMC-KEL-DS (1142/1346 digits)**

**New split EMC cable entry from icotek**

The new split EMC cable entry EMC-KEL-DS is based on the well-known KEL-U system from icotek. The EMC-KEL-DS guarantees EMC tightness and at the same time reliably diverts shield-related and field-related interference.

The split frame makes it possible to insert pre-assembled cables and to seal them in accordance with IP55. The split frame and split grommets alleviate the need to cut and re-wire pre-terminated cables.

The EMC-DS systems have a double chamber. The opened cable entry is equipped with a grommet in each chamber: The EMC grommet is a fully conductive cable grommet for contacting the cable shield over 360 ° in order to divert line-related interference. The cable is stripped and the sensitive cable shield exposed. The contact is made on the EMC-KT grommet and then on the conductive, metallized frame. The additional KT grommet has a pure sealing and strain relief function. The conductive flat seal is included in the scope of delivery and establishes the contact between the EMC cable entry and the conductive housing wall.

The new EMC cable entry is available in three versions and is suitable for the standard industrial cut-out size 112x36 mm. The EMC-KEL-DS is halogen and silicone free.

<https://www.icotek.com/en/products/emc-cable-entry-systems>

*Image: EMC-KEL-DS 24|10, front and back*

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October 2020