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## **DEHNbox – Powerful combined arrester for telecommunication systems**

**The new DEHNbox TC 180 from the surge and lightning protection expert DEHN is ideal for use in modern telecommunication systems (ISDN, analogue telephones, xDSL). Surges are limited to an acceptable level for the connected terminal equipment without interfering with the data signal. This compact arrester can be easily retrofitted at any time, thus ensuring lightning and surge protection in existing installations. Thanks to its IP 65 degree of protection, it can be installed in almost all environments. Consequently, DEHNbox is the ideal surge protective device for use in private, commercial and industrial environments.**

DEHNbox TC 180 protects one balanced data interface (ISDN, analogue telephones, xDSL) and has a high lightning current discharge capacity of 2.5 kA (10/350  $\mu$ s) per line. The arrester can be installed in conformity with the lightning protection zones concept at the boundaries from 0<sub>A</sub> to 2 and higher. Its cut-off-frequency of 250 MHz ensures transmission of high-frequency signal parts. The compact arrester can be easily and quickly retrofitted at any time thanks to its surface-mounted enclosure which is ideally suited for wall mounting, thus ensuring lightning and surge protection in existing installations.

Thanks to its IP 65 degree of protection, DEHNbox TC 180 can be used in almost all environments. The cables are led into the enclosure by means of an easy-to-install self-sealing rubber grommet which allows fast and easy installation and prevents the ingress of moisture and dust.

The cable cores (solid and flexible with wire end ferrule) and the earthing conductor can be connected by inserting them into the spring-loaded terminals

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of the fast connection system without tools. An additional, separate terminal allows direct connection to the cable shield of the equipotential bonding system.

DEHNbox TC 180 is the ideal surge protective device for information technology transmission systems of telecommunication systems such as in private homes, home offices, small businesses and small industrial businesses.



**Photo:** DEHNbox –Compact, simple, safe and easy to retrofit at any time

**The market leader DEHN, a globally active family-owned electrotechnical company** with about 1,600 employees worldwide, offers innovative products and solutions as well as comprehensive services in the field of **surge protection, lightning protection and safety equipment**. DEHN focuses on the protection of system and building technology, the transportation, telecommunication and process sector, photovoltaic systems, wind turbines, etc. The company's continuous growth is based on more than 100 years of tradition and experience as well as highest quality standards and consistent customer and market orientation throughout the world.

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