



Surge protection with DEHNbox

Optimal protection with full data performance

DEHNbox

DBX TC B 180

TYPE 1+2



No. 922 220

U_c 180 V

I_{imp} 2,5/7,5 kA (10/350)

I_L 1 A/40 °C

IP Code IP20



Made in China

DEHN, Postfach 1640, 92306 Neumarkt, Germany

green: ok → red: ⚡



DEHNbox – Compact surge protection

for telecommunication interfaces

The challenge



Surge protection is recommended for information technology lines.



Installation as close as possible to the entrance point into the building, preferably in the NT area.



If surge protection is provided for the power side, it is also recommended for communications equipment.

Visual status indication

Reliably informed at all times

Push-in terminals, input and output

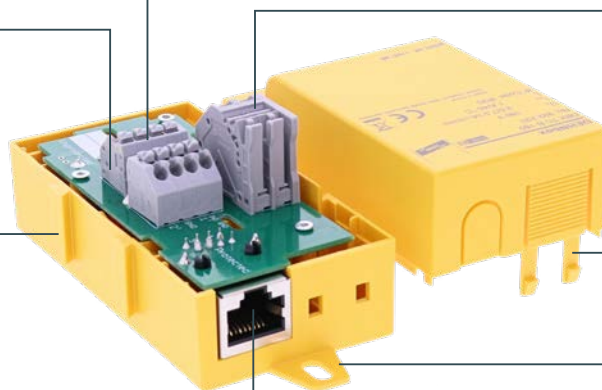
Toolless connection of the signal cable

Several devices fixed and mounted together

Via slide-in dovetail connection

RJ45 socket at the output

Direct connection of the router via Ethernet patch line



Double equipotential bonding terminal

Up to 4 mm²

Release / snap in enclosure cover

Easily and without tools

Wall-mounted

Using lugs

Technical data

Part No.	922 220
Type	DBX TC B 180
SPD class	TYPE 1P2
Impulse category	D1, C1, C2, C3, B1
Max. continuous operating voltage DC (U _c)	180 V
Nominal current (I _n) per line	1 A
D1 Total lightning impulse current (10/350 μs) (I _{imp})	7.5 kA
C2 Total nominal discharge current (8/20 μs) (I _n)	20 kA
Degree of protection	IP 20

DEHNbox TC B 180 protects telecommunication lines and downstream devices from surges.

Protect your IT systems from damage caused by lightning strikes and surges. Safeguard your data supply without loss of data rates. With the compact DEHNbox combined lightning current and surge arrester.

- Interference-free data transmission
- Easy installation thanks to push-in technology
- Visual status indication
- High discharge capacity
- For single- and multi-family houses

DEHNbox

Compact TYPE 1 combined arrester for protecting the telecommunication connection.

Provides interference-free data transmission (up to 1 Gbit) and surge protection for downstream terminal devices.

Your benefits

- **Compact design:**
Fits in every meter cabinet
- **Enclosure with lugs:**
For universal wall mounting
- **Slide-in dovetail connection:**
Several enclosures can be fixed together
- **Push-in technology:**
Installation without tools
- **Visual status indication:**
Always optimally informed
- **Fail-open function:**
Signal available even if arrester overloads

More information at:



de.hn/dbx-en

DEHN protects.
Surge Protection
Lightning Protection
Safety Equipment

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