

BLITZDUCTORconnect

Easy. Safe. Robust.

BLITZDUCTORconnect

protects measuring and control circuits as well as bus and telecommunication systems.

As a universal combined lightning current and surge arrester, now also suitable for protecting terminal equipment. The optional remote signalling unit reports the status of the arresters in real time.

- **Push-in technology**
Easy installation without tools
- **Integrated measuring sockets**
Voltage measurement directly on the module
- **LifeCheck**
Functional or not?
See the arrester status at a glance
- **secR module locking**
Stays put even in case of vibrations
Easy and safe removal of individual modules
- **Signal disconnection / protection against polarity reversal**
Easy maintenance by pulling the arrester module, turning it 180° and plugging it into the base part again

Release button

Connection line

Measuring sockets

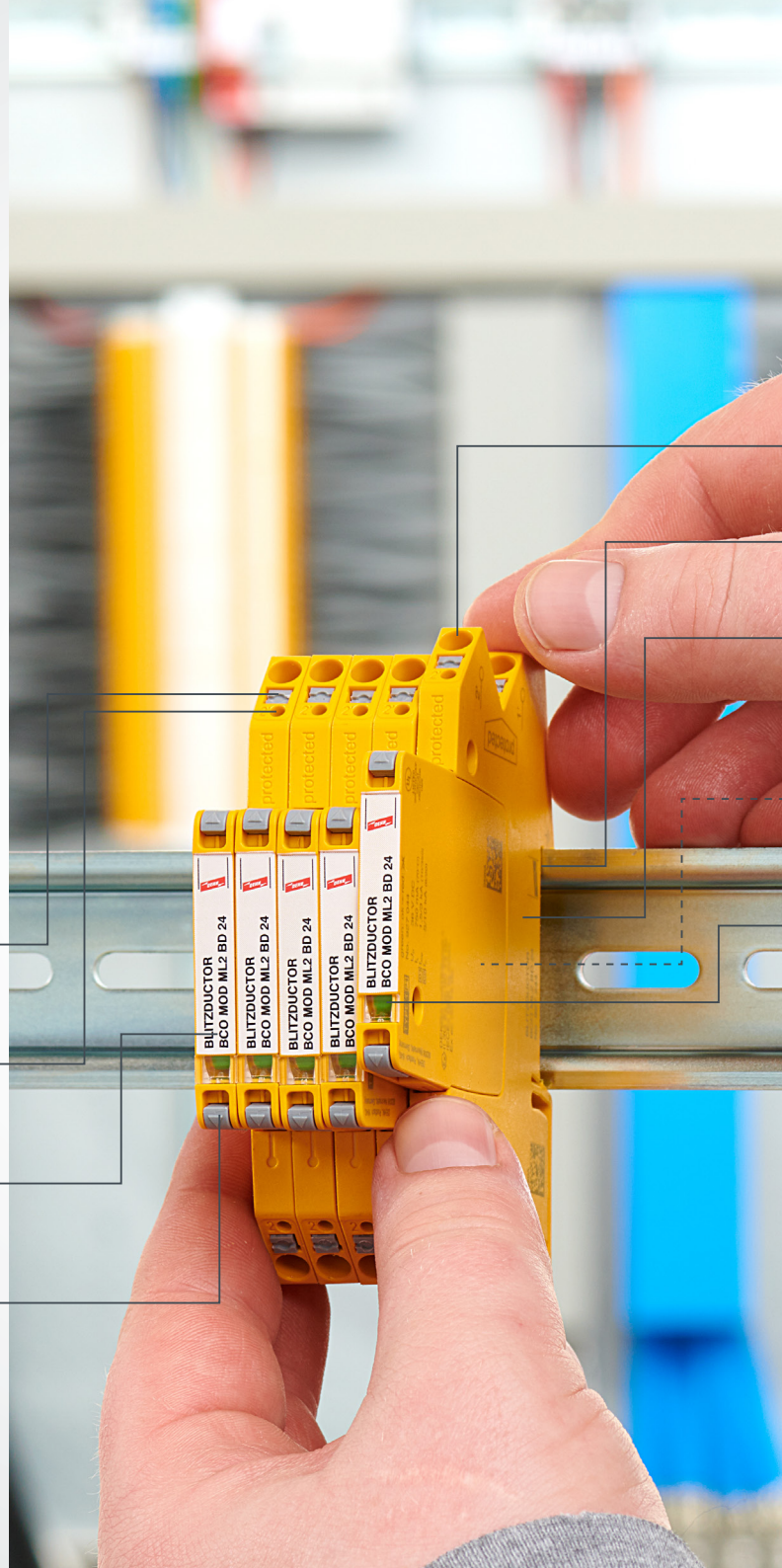
For easy maintenance

Fail-open failure mode

The signal remains available

secR technology

Safe and precise removal of the module



Easy. Safe. Robust.

- Easy:** Tool-free installation and visual status indication save time on maintenance and installation
- Safe:** secR module locking and fail-safe function ensure high system availability
- Robust:** Lightning current carrying capability of 1.5 kA provides optimal system protection

Push-in connection terminals

45° inclined, up to 2.5 mm²

Earthing contact

35 mm DIN rail

Signal disconnection / protection against polarity reversal

Easy maintenance by pulling the arrester module, turning it 180° and plugging it into the base part again

Remote monitoring

Thanks to optional remote signalling transmitter and receiver unit

LifeCheck indication

For visual status recognition

Performance spectrum BLITZDUCTORconnect

Enclosure	Compact	Modular
Nominal current I_L	750 mA at 70°C	
D1 Lightning current carrying capability (10/350 μs) per line (I_{imp})	1.5 kA	
C2 Nominal discharge (8/20 μs) per line (I_n)	5 kA	
Max. discharge current (8/20 μs) per line (I_{max})	20 kA (1x)	
Signal disconnection / protection against polarity reversal	No	Yes
Dimensions (L x W x H)	90 mm x 6 mm x 70 mm	
Approvals (partly in preparation)	UL, CSA, EAC, SIL, ATEX, IECEx	

Always the right choice

BLITZDUCTORconnect is always the right surge protection solution for information technology systems. For the most diverse applications.

Whether measuring and control circuits, bus systems or general information technology interfaces – the clearly laid out selection guide quickly points to the right product.

Interface signal	Part No. Compact	Part No. Modular
0-20 mA, 4-20 mA	927 944	927 244
Binary signals	927 924	927 224
Ex(i) measuring circuits	927 984	927 284
Fieldbus Foundation	927 944	927 244
Fieldbus Foundation Ex(i)	927 984	927 284
MODBUS RTU	927 971	927 271
PROFIBUS-DP/FMS	927 971	927 271
PROFIBUS-PA	927 944	927 244
PROFIBUS-PA Ex(i)	927 984	927 284
RS 422	927 971	927 271
RS 485	927 971	927 271
Temperature measurement	927 922	927 222
TTL	927 922	927 222
TTY 4-20 mA	927 924	927 224
Video (2-wire)	927 971	927 271
xDSL	927 910	927 210

The new BLITZDUCTORconnect

Your benefits:

Push-in technology

- Installation without tools.

Width of 6 mm

- Saves space in the switchgear cabinet.

Integrated measuring sockets

- Voltage measurement directly on the module.

Functional check

- LifeCheck: See the arrester status at a glance.
- Remote signalling contact: Always informed about the status of the arrester.

secR module locking

- Safe and precise removal of individual modules.
- Prevents the arrester module from working loose. Resistant to vibrations thanks to push-in technology and locking mechanism on both sides.

Easy maintenance

- Signal disconnection without tools (by turning the module 180° and plugging it into the base part again).

More information:



[de.hn/bco-en](https://www.dehn.de/hn/bco-en)

DEHN protects.
Surge Protection
Lightning Protection
Safety Equipment

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