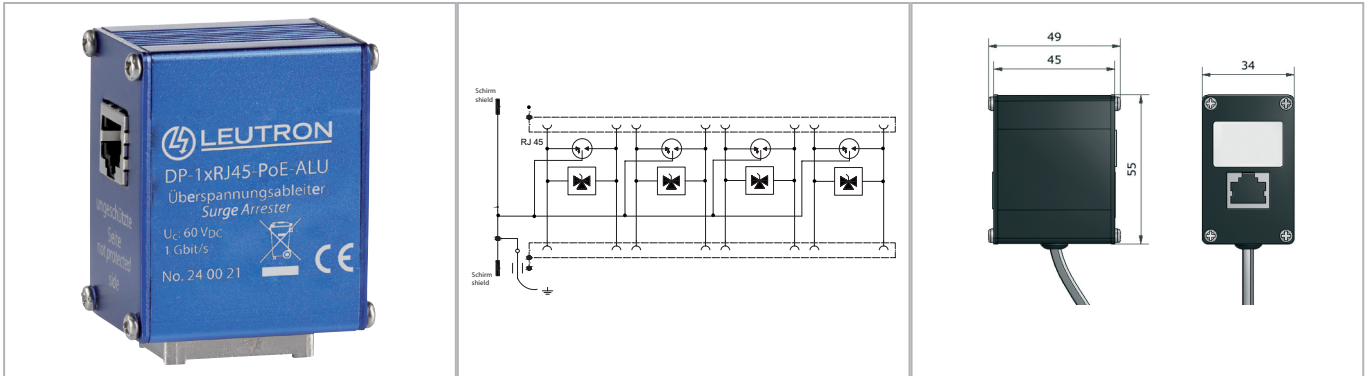


# Datasheet

## Surge protection for information technology and telecommunication installations

### Cat5 Application



Compact surge protective module for the protection of data networks, and network devices such as hubs, switches, server. The adaptor plug style provides an easy application in cable ducts or directly at the terminal equipment. All 8 signal lines (4 pair of wires) are protected simultaneously.

- Suitable for Cat. 5 / class D applications (up to Gbit Ethernet)
- Applicable at the boundaries LPZ OB - 2 and higher
- Test standard: IEC 61643-21 / EN 61643-21
- Compatible to 10Base T / 100Base T
- RJ45 SPD for PoE (Power over Ethernet)
- EAC certification

Technical Data		DP 1xRJ45-PoE-Alu
IEC category		C2 / C1 / C3
Nominal voltage DC	UN	48 V=
Max. continuous operating voltage DC	Uc	60 V=
Operating current	IL	650 mA
Nom. discharge current (8/20 μs) line-line	In	0,5 kA
Nom. discharge current (8/20 μs) line-earth	In	2,0 kA
Protection level line-line at 1 kV/μs C3	Up	≤ 180 V
Protection level line-Pg at 1 kV/μs C3	Up	≤ 600 V
Max. frequency	fG	≤ 100 MHz
Terminal input/output		RJ 45, shielded
Degree of protection (IEC EN 60529)		IP 20
Housing material		Metall

Order Data	
Product	DP 1xRJ45-PoE-Alu
Article-No.	24 00 21