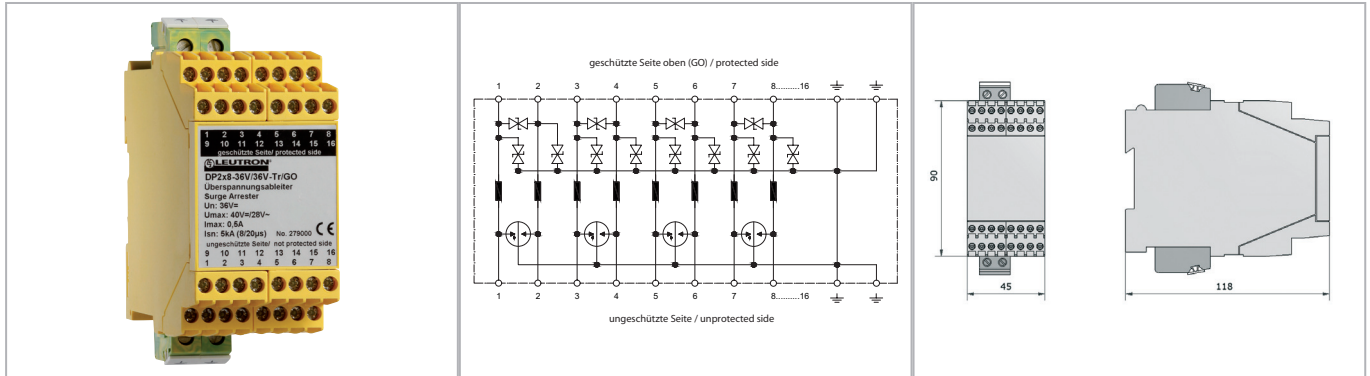


## EMC filter with integrated surge protection

### MCR technology with integrated low-pass filter



Designed to protect sensitive input and output interfaces at electrical devices. Suitable, e.g., for fire alarm systems. Alternatively, GO or GU version to provide clear wiring (GO = protected side on top, GU = protected side at the bottom).

- High performance surge protector
- Dimensions only 45 x 110 x 121 mm!
- Merging of eight lines
- Two-stage low-pass filter
- EAC certification

Technical Data		DP 2x8-36V/36V-Tr/GO	
Nominal voltage DC	UN		36V=
Max. continuous operating voltage DC	Uc		40V=
Max. continuous operating voltage AC (50/60 Hz)	Uc		28V~
Nominal current	IL		1,5 A
C2 nominal discharge current (8/20 μs) total	Imax		20 kA
C2 nominal discharge current (8/20 μs) per line	In		2,5 kA
Protection level at In (line-earth)	Up		≤ 75 V
Leakage current at Umax DC			0,001 μA
Max. operating frequency (-3 dB)	fG		0,6 MHz
DC resistance, typical	R		4,6 Ω
Series inductance, typ.	L		28 μH
Capacitance, line-earth	C		1 nF
Operating temperature range	TU		-25 - +80 °C
Cross section for data line terminals			2,5 mm <sup>2</sup> flexible with sleeve
Cross section for earth connection terminals			6 mm <sup>2</sup> flexible with sleeve
Max. connection torque for terminals			1,5 Nm
Enclosure material / colour			polycarbonate (halogen-free) UL 94-V0 / yellow
Degree of protection (IEC EN 60529)			IP 20
Housing size WxHxD			45 x 110 x 121 mm
Mounting on			35 mm DIN rail form C (EN 60715)

### Order Data

Product	DP 2x8-36V/36V-Tr/GO
Article-No.	27 90 00