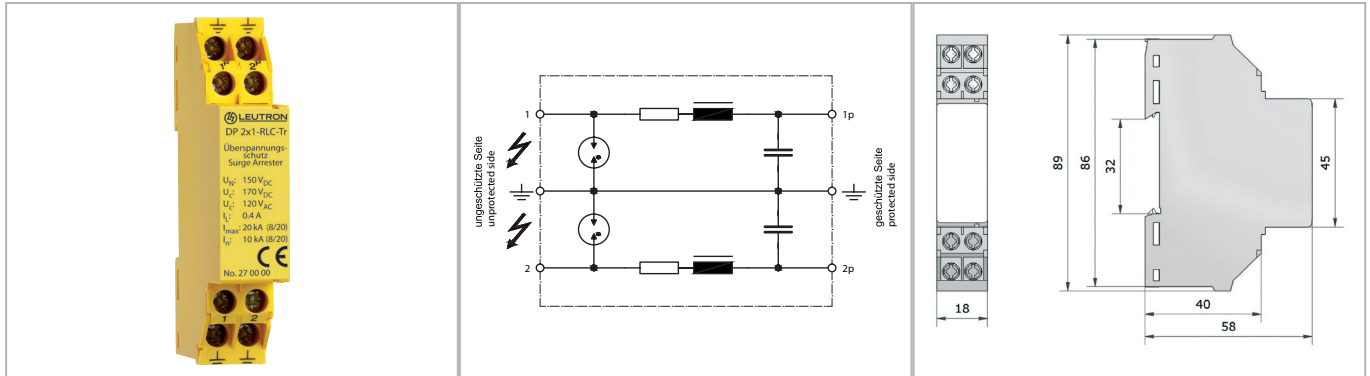


EMC filter with integrated surge protection

MCR technology with integrated low-pass filter



EMC filter for data and signal lines combined with surge protection enables smooth operation of sensitive electronic equipment in rough environment.

- Signal and data line protection with low-pass filter
- Applicable at the boundaries LPZ 0A - 2 and higher
- Operating voltage up to 150 V DC
- Protective circuit for 2 signal lines with common ground
- Maximum nominal current 400 mA
- Mounting on 35 mm DIN rail (EN 60715)
- Degree of protection according to IEC EN 60529: IP 20
- Space required for installation: 18 mm
- EAC certification

Technical Data		DP 2x1-RLC-Tr
IEC category		D1 / C2 / C1 / C3
Nominal voltage DC	UN	150 V=
Max. continuous operating voltage DC	Uc	170 V=
Max. continuous operating voltage AC (50/60 Hz)	Uc	120 V~
Nominal current	IL	0,4 A
D1 lightning impulse current (10/350 µs) per line	limp	2,5 kA
D1 lightning impulse current (10/350 µs) total	ltotal	5 kA
C2 nominal discharge current (8/20 µs) per line	In	10 kA
C2 nominal discharge current (8/20 µs) total	Imax	20 kA
Leakage current at Umax DC		≤ 0,001 µA
Max. operating frequency (-3 dB)	fG	100 kHz
DC resistance	R	3,5 Ω
Series inductance, typ.	L	185 µH
Capacitance, line-earth	C	≤ 2,2 nF
Protection level line-earth at 1 kV/µs and In	Up	≤ 800 V
Operating temperature range	TU	-25 - +85 °C
Max. conductor cross section		2.5mm ² solid or 1.5mm ² flexible with sleeve
Max. connection torque for terminals		1,5 Nm
Dimension (DIN 43880)		1 TE

Order Data

Product	DP 2x1-RLC-Tr
Article-No.	27 00 00