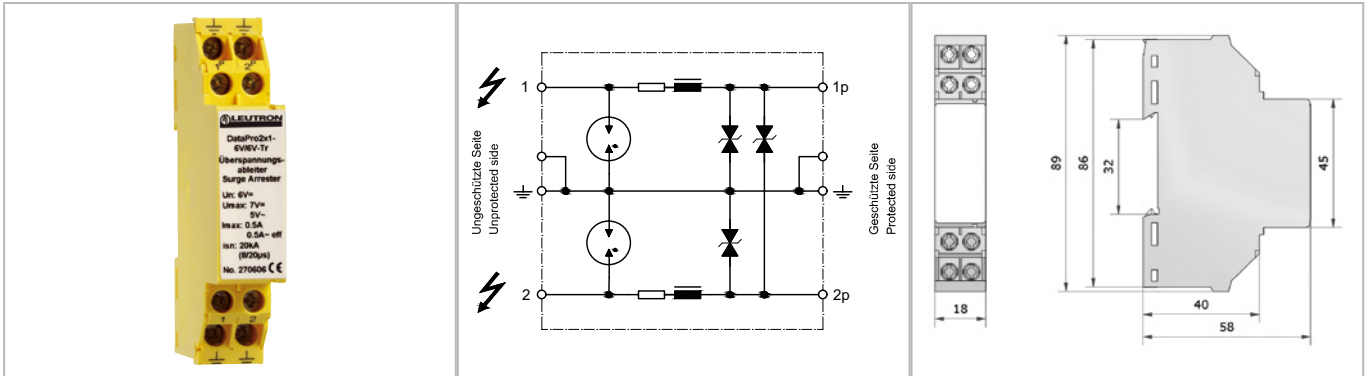


EMC filter with integrated surge protection



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
- Protective circuit for 2 signal lines with common ground
- Maximum nominal current 500 mA
- Applicable at the boundaries LPZ 0B - 2 and higher
- Mounting on 35 mm DIN rail
- Degree of protection according to IEC EN 60529: IP 20
- Space required for installation: 17.5 mm

Technical Data		DP2x1-150V/150V-Tr
IEC category/EN type		C1 / C2 / C3
Nominal direct voltage	UN	150 V=
Max. continuous operating voltage DC	Uc	160 V=
Max. continuous operating voltage AC	Uc	112 V~
Nominal current	IN	0,5 A
C2 nominal discharge current (8/20 μs) total (In)	In	20 kA
C2 nominal discharge current (8/20 μs) per line	In	10 kA
Protection level at In (line-earth)	Up	≤ 250 V
Leakage current at Umax DC	IL	≤ 5 μA
Max. operating frequency (< 3 dB)	fG	600 kHz
DC resistance	R	4.4 Ω
Series inductance, typ. (L)		28 μH
Capacitance, line-earth	C	≤ 1 nF
Operating temperature range	TU	-25 - +85 °C
Max. conductor cross section		2.5mm ² solid or 1.5mm ² flexible with sleeve
Enclosure material / colour		polycarbonate (halogen-free) UL 94-V0 / yellow
Degree of protection (IEC EN 60529)		IP 20
Mounting on		35 mm DIN rail (DIN EN 50 022)
Dimension (DIN 43880)		1 TE

Order Data	
Product	DP2x1-150V/150V-Tr
Article-No.	27 04 04