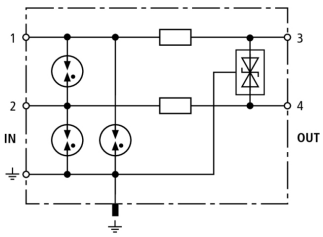
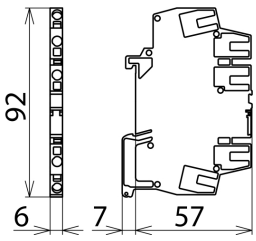
DCO RK MD HF 5 (919 970)

- Low self-capacitance
- Excellent transmission performance
- For installation in conformity with the lightning protection zones concept at the boundaries from 0_B –2 and higher

Figure without obligation



Basic circuit diagram DCO RK MD HF 5



Dimension drawing DCO RK MD HF 5

Energy-coordinated two-stage arrester for protecting balanced or unbalanced interfaces with low voltages. Due to a diode matrix with minimised capacitance the arrester is also suitable for high transmission rates. For shielded bus lines, it is advisable to use SAK shield connection systems.

Type Part No.	DCO RK MD HF 5 919 970
SPD class	TYPE 2 P1
Nominal voltage (U_N)	5 V
Max. continuous operating d.c. voltage (U_c)	6.0 V
Max. continuous operating a.c. voltage (U_c)	4.2 V
Nominal current (I_L)	0.1 A
C2 Total nominal discharge current (8/20 µs) (I_n)	10 kA
C2 Nominal discharge current (8/20 µs) per line (I_n)	5 kA
Voltage protection level line-line for I_n C2 (U_p)	≤ 27 V
Voltage protection level line-PG for I_n C2 (U_p)	≤ 50 V
Voltage protection level line-line at 1 kV/µs C3 (U_p)	≤ 14 V
Voltage protection level line-PG at 1 kV/µs C3 (U_p)	≤ 14 V
Series resistance per line	1.0 ohm
Cut-off frequency line-line (f_G)	250 MHz
Cut-off frequency line-PG (f_G)	180 MHz
Capacitance line-line (C)	≤ 19 pF
Capacitance line-PG (C)	≤ 16 pF
Operating temperature range	-40°C...+80°C
Degree of protection	IP 00, with cover IP 20
For mounting on	35 mm DIN rails acc. to EN 60715
Connection (input/output)	spring / spring
Cross-sectional area, solid	0.08 - 2.5 mm²
Cross-sectional area, flexible	0.08 - 2.5 mm²
Earthing via	DIN rail / terminal
Enclosure material	thermoplastic PA 6.6
Colour	yellow
Test standards	IEC 61643-21 / EN 61643-21
SIL classification	SIL2 *)
Approvals	GOST
Weight	25 g
Customs tariff number	85363010
GTIN	4013364096547
PU	1 pc(s)

*) For more detailed information, please visit www.dehn.de/en/sil/