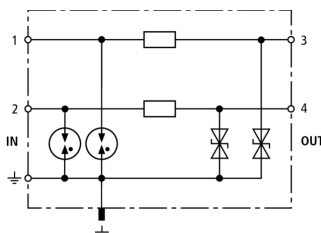


## DCO RK ME 24 (919 921)

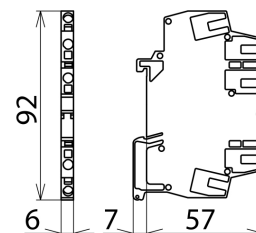
- Standard protection with terminal blocks
- Low series resistance
- For installation in conformity with the lightning protection zone concept at the boundaries from  $0_B - 2$  and higher



Figure without obligation



Basic circuit diagram DCO RK ME 24



Dimension drawing DCO RK ME 24

Energy coordinated two-stage arrester for protecting two single lines sharing a common reference potential as well as unbalanced interfaces.

Type	DCO RK ME 24
Part No.	919 921
SPD class	TYPE 2 [P]
Nominal voltage ( $U_n$ )	24 V
Max. continuous operating voltage (d.c.) ( $U_c$ )	33 V
Max. continuous operating voltage (a.c.) ( $U_c$ )	23 V
Nominal current ( $I_n$ )	0.5 A
D1 Lightning impulse current (10/350 $\mu$ s) per line ( $I_{imp}$ )	1 kA
C2 Total nominal discharge current (8/20 $\mu$ s) ( $I_n$ )	10 kA
C2 Nominal discharge current (8/20 $\mu$ s) per line ( $I_n$ )	5 kA
Voltage protection level line-line for $I_n$ C2 ( $U_p$ )	$\leq 110$ V
Voltage protection level line-PG for $I_n$ C2 ( $U_p$ )	$\leq 65$ V
Voltage protection level line-line at 1 kV/ $\mu$ s C3 ( $U_p$ )	$\leq 90$ V
Voltage protection level line-PG at 1 kV/ $\mu$ s C3 ( $U_p$ )	$\leq 45$ V
Series resistance per line	1.8 ohms
Cut-off frequency line-PG ( $f_c$ )	6 MHz
Capacitance line-line (C)	$\leq 0.5$ nF
Capacitance line-PG (C)	$\leq 1$ nF
Operating temperature range ( $T_U$ )	-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 mm <sup>2</sup>
Cross-sectional area, flexible	0.08-2.5 mm <sup>2</sup>
Earthing via	DIN rail / terminal
Enclosure material	polyamide PA 6.6
Colour	yellow
Test standards	IEC 61643-21 / EN 61643-21
Approvals	ATEX, IECEx, GOST
SIL classification	SIL2 / SIL3 *)
ATEX approvals	DEKRA 17ATEX0046 X: II 3 G Ex ec IIC T6...T4 Gc
IECEx approvals	DEK 17.0023X: Ex ec IIC T6...T4 Gc
Weight	37 g
Customs tariff number (Comb. Nomenclature EU)	85363010
GTIN	4013364087798
PU	1 pc(s)

\*) For more detailed information, please visit [www.dehn.de/en/sil/](http://www.dehn.de/en/sil/)

We reserve the right to introduce changes in performance, configuration and technology, dimensions, weights and materials in the course of technical progress. The figures are shown without obligation.