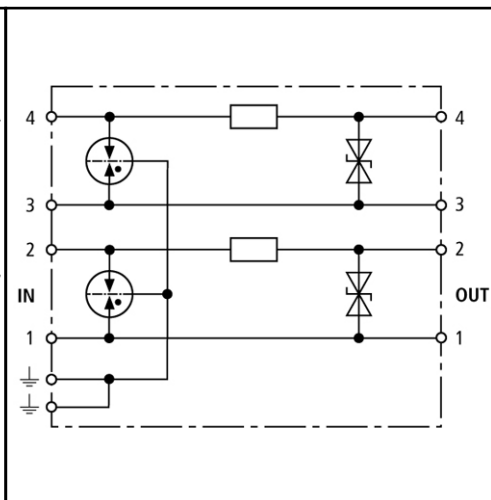


Dimension drawing BVT MTTY



Protection circuit with simple decoupling, no leakage currents to earth, energy-coordinated.



Cost-effective compact protection

For installation in conformity with the lightning protection zones concept at the boundaries from $0_b - 2$ and higher

Surge arrester for two floating pairs. Unbalanced use of the decoupling impedance.

BVT MTTY 24

SPD class	TYPE 2 P1
Nominal d.c. voltage [U_N]	24 V
Max. continuous operating d.c. voltage [U_C]	26.8 V
Max. continuous operating a.c. voltage [U_C]	18.9 V
Nominal current [I_N]	0.1 A
C2 Total nominal discharge current (8/20 μs) [I_n]	20 kA
C2 Nominal discharge current (8/20 μs) per line [I_n]	10 kA
Voltage protection line-line for I_n C2 [U_p]	≤ 65 V
Voltage protection level line-PG for I_n C2 [U_p]	≤ 700 V
Voltage protection level line-line at 1 kV/μs C3 [U_p]	≤ 36 V
Voltage protection level line-PG at 1 kV/μs C3 [U_p]	≤ 600 V
Series impedance per line	2.2 ohms per pair
Cut-off frequency line-line [f_C]	10 MHz
Capacitance line-line [C]	≤ 1 nF
Operating temperature range	-40°C...+80°C
Degree of protection	IP 20
For mounting on	35 mm DIN rail acc. to EN 60715
Connection input/output	screw / screw
Cross-sectional area, solid	0.08 - 2.5 mm ²
Cross-sectional area, flexible	0.08 - 2.5 mm ²
Tightening torque (terminals)	0.5 Nm
Earthing via	screw terminal
Enclosure material	thermoplastic, UL 94 V-0
Colour	yellow
Test standards	IEC 61643-21

Ordering information	
Type	BVT MTTY 24
Part No.	918 407
Packing unit	1 pc

We reserve the right to modify design, technology, dimensions, weights and materials according to technical progress. Illustrations are non-binding. Pictures may differ from the modules described.