

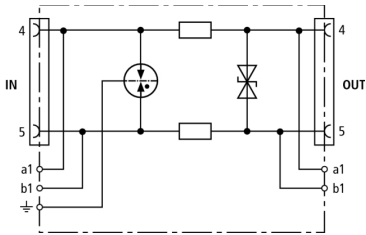


BVT TC 1 (918 411)

RJ sockets, compatible with RJ12 pins
Additional screw terminals for a/b lines
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 BVT TC

Energy-coordinated leakage-current-free surge arrester for a/b lines, ISDN U_{k0} or ADSL with RJ45 plugs and additional screw terminal connections. Pinning of the RJ45 sockets is compatible with RJ11/12. The parallel screw terminals are more robust than the RJ45 sockets and increase the total nominal discharge current to 10 kA.

Type	BVT TC 1
Part No.	918 411
Nominal voltage (U _N)	130 V
Max. continuous operating d.c. voltage (U _C)	170 V
Nominal current (I _N)	200 mA
C2 Total nominal discharge current (8/20 μs) (I _n)	5 kA
C2 Nominal discharge current (8/20 μs) per line (I _n)	2.5 kA
Voltage protection level line-line for I _n C2 (U _p)	≤ 275 V
Voltage protection level line-PG for I _n C2 (U _p)	≤ 600 V
Voltage protection level line-line at 1 kV/μs C3 (U _p)	≤ 240 V
Voltage protection level line-PG at 1 kV/μs C3 (U _p)	≤ 600 V
Series impedance per line	4.7 ohms
Cut-off frequency line-line (f _C)	17 MHz
Capacitance line-line (C)	≤ 300 pF
Capacitance line-PG (C)	≤ 15 pF
Operating temperature range	-40°C...+80°C
Degree of protection	IP 10
For mounting on	35 mm DIN rails acc. to EN 60715
Connection (input/output)	RJ45 or terminals / RJ45 or terminals
Pinning	4/5
Cross-sectional area, solid	0.08 - 2.5 mm ²
Cross-sectional area, flexible	0.08 - 2.5 mm ²
Earthing via	screw terminal
Enclosure material	thermoplastic, UL 94 V-0
Colour	yellow
Test standards	IEC 61643-21 / EN 61643-21
Approvals	GOST
Weight	98,9 g
Customs tariff number	85363010
GTIN	4013364093133
PU	1 pc(s)

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.