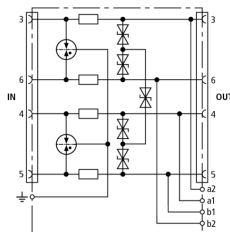


BVT ISDN (918 410)

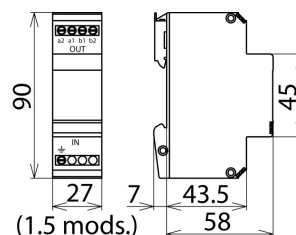
- RJ45 sockets
- Additional screw terminals at the output for the ISDN lines
- For installation in conformity with the lightning protection zone concept at the boundaries from $0_A -2$ and higher



Figure without obligation



Basic circuit diagram BVT ISDN



Dimension drawing BVT ISDN

Energy-coordinated surge arrester for the ISDN S_0 bus with RJ45 connections and additional protection of the remote supply. The additional screw terminal at the protected output allows double wiring of the S_0 bus.

Type	BVT ISDN
Part No.	918 410
SPD class	TYPE 2
Nominal voltage (U_N)	5 V
Nominal voltage pair-pair (U_N)	40 V
Max. continuous operating voltage (d.c.) (U_C)	7.5 V
Max. continuous operating voltage(a.c.) (U_C)	5.3 V
Max. continuous operating voltage (d.c.) pair-pair (U_C)	60 V
Nominal current (I_L)	0.2 A
D1 Lightning impulse current (10/350 μ s) per line (I_{imp})	1 kA
C2 Nominal discharge current (8/20 μ s) per line (I_n)	2.5 kA
C2 Total nominal discharge current (8/20 μ s) (I_n)	10 kA
Voltage protection line-line for I_n C2 (U_p)	≤ 30 V
Voltage protection level line-PG for I_n C2 (U_p)	≤ 600 V
Voltage protection level pair-pair for I_n C2 (U_p)	≤ 130 V
Voltage protection level line-line at 1 kV/ μ s C3 (U_p)	≤ 17 V
Voltage protection level line-PG at 1 kV/ μ s C3 (U_p)	≤ 600 V
Voltage protection level pair-pair at 1kV/ μ s C3 (U_p)	≤ 100 V
Series resistance per line	1.0 ohm
Cut-off frequency line-line (f_c)	1.7 MHz
Capacitance line-line (C)	≤ 3.3 nF
Capacitance line-PG (C)	≤ 15 pF
Capacitance pair-pair (C)	≤ 600 pF
Operating temperature range (T_U)	-40 °C ... +80 °C
Degree of protection	IP 10
For mounting on	35 mm DIN rails acc. to EN 60715
Connection (input / output)	RJ45 / RJ45 or terminals
Pinning	3/6, 4/5
Cross-sectional area, solid	0.08-2.5 mm ²
Cross-sectional area, flexible	0.08-2.5 mm ²
Earthing via	terminal
Enclosure material	thermoplastic, UL 94 V-0
Colour	yellow
Test standards	IEC 61643-21 / EN 61643-21
Approvals	EAC
Weight	105 g
Customs tariff number (Comb. Nomenclature EU)	85363010
GTIN	4013364093126
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.