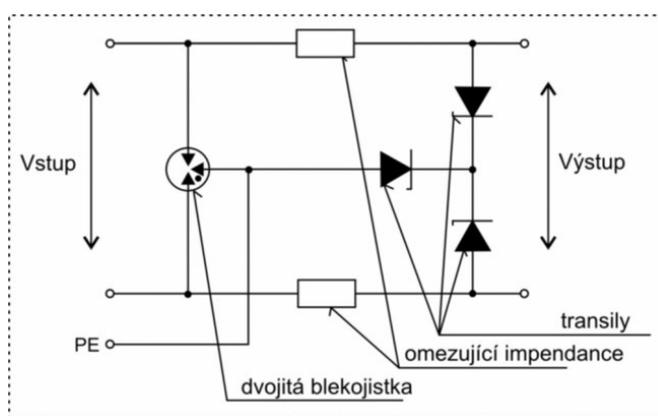
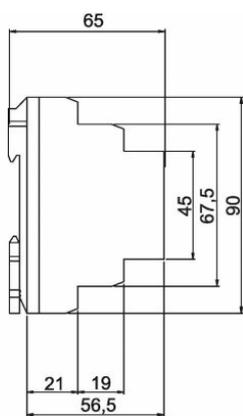
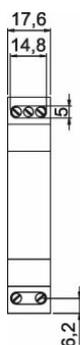


DTNVE 1/6/0,5 /L

DTNVE 0,5-L is a complex range of surge protection devices designed for protection of data, communication, measuring and control lines against surge effects. These surge protection devices are recommended for use in the Lightning Protection Zones Concept at the boundaries of LPZ 0A(B) - 1 according to EN 62305. All types provide effective protection of connected equipment against common mode and differential mode surge effects according to IEC 61643-21. The nominal current of individual protected lines $I_N < 0,5A$. These devices consist of gas discharge tubes, series impedance and transils. The number of protected pairs is optional (1-2). These devices are produced for nominal voltage within the range of 6V-80V. Maximum discharge current is 20kA (8/20).



Type DTNVE 1/6/5
Nominal voltage U_N 6 V
Max. continuous operating voltage U_C 7.2 V
Nominal current I_N 0.5A
D1 Total lightning current (10/350) I_{imp} 5 kA
D1 Lightning current (10/350) line/PE I_{imp} 2,5 kA
C2 Max. discharge current (8/20) I_{max} 20 kA
Voltage protection level at I_n U_p 15V
Voltage protection level at 1kV/ μ s U_p 9 V
Response time < 30 ns ; 1 ns (option)
Data rate 1 MBit/s
Operating temperature range \square -40°C to 80°C
Installation standard 35mm DIN Rail

