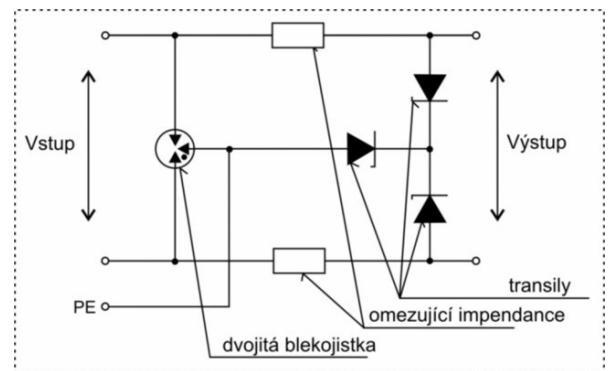
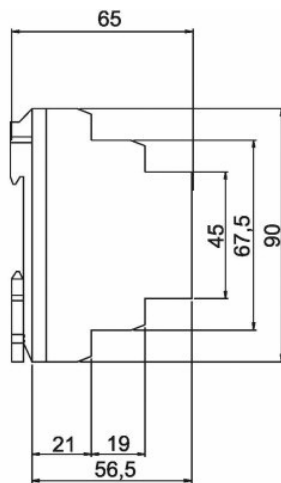
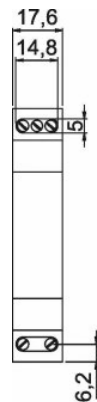


DTNVE 1/24/0.5-L

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. These devices are produced for nominal voltage within the range of 6V-80V. Maximum discharge current is 20kA (8/20).



Type DTNVE 1/24/0,5 /L

Nominal voltage U_N 24 V

Max. continuous operating voltage U_C 28,6 V

Nominal current I_N 0,5 A

D1 Total lightning current (10/350) I_{imp} 5 kA

D1 Total lightning current (10/350) line/PE I_{imp} 2,5 kA

C2 Max. discharge current (8/20) I_{max} 20 kA

C2 Nominal discharge current I_n (8/20) I_n 1 kA

Voltage protection level at $1kV/\mu s$ U_p 34 V

Voltage protection level at I_n U_p 64 V

Response time 25 ns (standard) ; 1 ns (option)

Operation temperature range -40 to +80°C

Mounting on DIN rail 35mm

