

# 44601

# EN | Lightning Protection Throttle

The installation of a lightning protection system described below complies with the VDE 131 standard and protects your fence device from damage caused by lightning strikes to the electric fence when set up properly.

The fence supply line (line from the output of the electric fence unit to the fence) must be fitted with an appropriate lightning protection device before it is introduced into a building and must be installed outside the building.

All components must be at least fire-retardant according to DIN 4102-1.

See Figure 1.

Function:

The protective effect is achieved by the current being discharged to earth via a spark gap (s) of the lightning protection throttle when lightning strikes the fence wire. If the earthing cable of the lightning protection throttle cannot be connected to the building lightning protection system, a separate earthing system is mandatory. We recommend the use of several galvanised ground rods at a distance of approx. 2-3 m, driven approx. 1 m deep into the ground. It is not permissible to connect the earth wire of the lightning protection throttle to the operating earth of the electric fence unit.

Figure 1

