



## **DNP5082 – Lightning protection unit**

### **Product Description**

Lightning protection unit DNP5082 is designed to protect electronic devices from electromagnetic pulse of lightning.

When lightning strikes, DNP5082 limits the maximum voltage of the line to 150/180V, and the terminals of the Control Panel to 72/53V.

### ***DNP5082 protect inputs of the loops of Fire Control Panel IFS7002, manufactured by UniPOS***

Lightning protection unit DNP5082 is to be mounted close to the Fire Control Panel or at a place, where the fire alarm line loops are extended beyond the building (outdoors).

### **TECHNICAL DATA**

Nominal voltage: –  
– Signal Loop: 33V DC  
– Power Loop: 28V DC

Maximum current pulse IS 8/20: 20 kA  
Response time: 1ns

Maximum resultant voltage at IS8/20: –  
– Signal Loop IS 8/20: 72.2V  
– Power Loop IS 8/20: 53.3V

Operating temperature range: from minus 10°C to 60°C  
Storage temperature: from minus 40°C to 70°C  
Relative humidity resistance: (92+3-2)% at 40°C  
Degree of protection: IP40  
Overall dimensions: 162x120x72 mm  
Weight: 0,3 kg

