



## ◆ Ethernet Surge Protector

### ➤ Features

- IEC61000-4-5 and ITU-TK20&K21
- The high response surge arresters
- Clamping voltage and low loss against high speed signal
- Designed by theory of current limited and voltage clamped, discharged to ground
- Standard:10Base-T/100Base-TX



### ➤ Introduction

IEC61000-4-5 and ITU-TK20&K21 are the recognized standards for top quality surge protectors, MW70-L made by the high response surge arresters, the advantage allow clamping voltage and low loss against high speed signal, because it had a low capacitance. Designed to protect data communication lines in local and wide area networks up to 100Base-T transmission speeds.

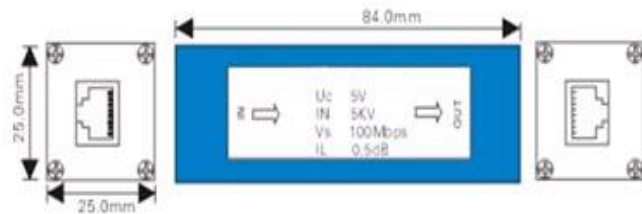
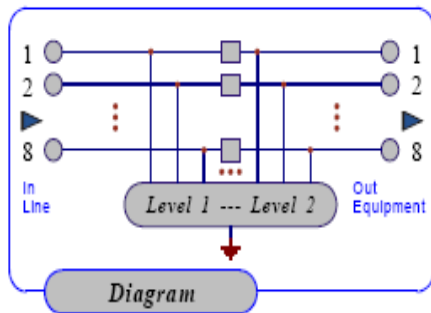
### ➤ Specification

#### Specification

|                               |                             |
|-------------------------------|-----------------------------|
| Standard                      | 10Base-T/100Base-T standard |
| 10/100M signal                | IEC6100-4-5 and ITU-TK20&21 |
| Nominal discharge current(In) | 5 KA(8/20μS)                |
| Working voltage               | 0-5V                        |
| Limit voltage                 | ≤40V                        |
| Apply Band rate               | 100Mbps                     |
| Connector                     | RJ45 (F)                    |
| The line of protection        | 4 lines (1, 2, 3, 6)        |
| Insert consumption            | ≤0.5dB                      |
| Delay time                    | ≤1ns                        |
| Working temperature           | -20 to 60 ℃                 |
| Storage temperature           | -25 to 85 ℃                 |
| Humidity                      | Relative humidity 5% to 95% |
| power                         | No power supply needed      |
| Consumption                   | No consumption              |
| L×W×H                         | 72mm×42mm×25mm              |
| Shell                         | Alnico                      |
| Color                         | Blue                        |
| Weight                        | 10g                         |
| Warranty                      | 5 years                     |
| Approvals                     | FCC, CE, RoHS approvals     |

## ➤ Dimension

MW70-L is designed by the theory of current limited and voltage clamped, discharged to ground. When the data line exist surge, the MW70-L is induced and worked ,the lightning energy is discharged to ground, and the high surge voltage is clamped to low level, so our devices is protected.



## ➤ Packing List

- Ethernet Surge Protector MW70-L × 1
- User manual × 1