



使用范围 Applicant Range

LYD2-VC系列控制信号防雷器适用于控制信号系统的设备前端，对控制信号线的雷击或操作引起的过电压进行保护。

(依据IEC61643-1和GB50343标准选用)

LYD2-VC Series Control Signal Surge Arrester apply in the forefront of control signal system device, and it can protect the lightning shock on DC power supply cable or over-voltage caused by misoperation.

(Comply with IEC61643-1 and GB50343 standards)

主要特点 Features

- | | |
|--|---|
| <ul style="list-style-type: none"> 1、模块化设计，接线端子连接，安装，更换方便； 2、采用多重保护技术，保护能力强、可靠性高； 3、内置接地端子，接线能力强，接地更加可靠； 4、通流量大，残压低。 | <ul style="list-style-type: none"> 1、Modular design, terminal block connection, convenient installation and change 2、Applying multi-protection technique, with strong protection performance and high reliable 3、Built-in temperature fuses, safe and reliable 4、Large current capacity, low residual voltage |
|--|---|

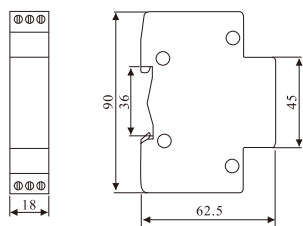
主要技术参数 Technical Parameter

型号 Model	LYD2-VC5	LYD2-VC12	LYD2-VC24	LYD2-VC48
额定工作电压 Rate Operating Voltage VC (V~)	5	12	24	48
最大持续工作电压 Maximum continuous operating voltage Un (V~)	8	18	36	75
保护水平 Protection Level UP (V~)kV	<50	<50	<100	<150
标称放电电流 Nominal discharge current kA	5			
连接方式 Connection Type	接线端子 Terminal block			
传输速率 Transmitting Speed	2M			
插入损耗 Insertion Loss	≤0.3db			
外壳材料 Material of Housing	增强阻燃尼龙 (阻燃V0级) intense flame retardant nylon (V0 level)			
安装方式 Installation Type	35mm标准导轨安装 35mm standard din-rail installation			
建议接地导线截面 Section of grounding conductor	1mm ² 多股软导线 1mm ² multi soft conductor			

安装说明 Installation Instruction

- | | |
|---|---|
| <ul style="list-style-type: none"> 1、防雷器串联在信号通道和被保护设备之间。 2、防雷器的输入端(IN)与信号通道相连，输出端OUT与被保护设备相连，不能接反。 3、把防雷器的接地线与防雷系统地线均压环可靠连接。 4、失效机制：数据线对地短路或断路。 | <ul style="list-style-type: none"> 1、Surge arrester should be connected between power supply and protected devices in series. 2、The input of surge arrester (IN) should be connected with power supply, while the output should be connected with protected devices, no mistake. 3、The grounding cable of surge arrester should be connected reliably with the grounding cable of lightningproof system. 4、Professional persons should inspect the surge arrester periodically after thunder weather. |
|---|---|

外形及安装尺寸 Outline & Mounting Dimension



电气原理图 Electrical Schematic Diagram

