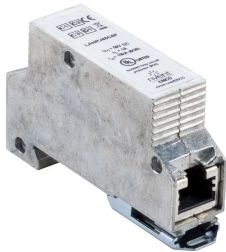


# LAN Surge Protector



## CERTIFICATIONS



## FEATURES

Rugged, metallic enclosure provides both environmental and electrical shielding

Up to CAT6 and POE (Power Over Ethernet) protection in one product

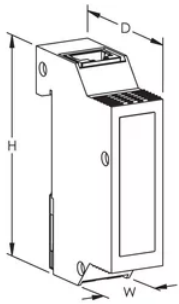
Simple, bi-directional installation

## SPECIFICATIONS

| Catalog Number                                | LANRJ45C6P         |
|-----------------------------------------------|--------------------|
| Nominal System Voltage (Un)                   | 48 VDC             |
| Max Continuous Operating Voltage (Uc)         | 50 VDC<br>72 VDC   |
| Voltage Protection Rating (VPR), L-L          | 150V               |
| Voltage Protection Rating (VPR), L-PE         | 550V               |
| Nominal Discharge Current (In), L-L           | 150kA 8/20 $\mu$ s |
| C2 Total Nominal Discharge Current (In), L-PE | 10kA 8/20 $\mu$ s  |
| Max Discharge Current (Imax), L-PE            | 10kA 8/20 $\mu$ s  |
| Impulse Current (Iimp)                        | 1kA 10/350 $\mu$ s |

| Catalog Number          | LANRJ45C6P             |
|-------------------------|------------------------|
| Rated Load Current (IL) | 1A                     |
| Frequency               | 250 MHz Max            |
| Mounting                | 35 mm top hat DIN rail |
| Temperature             | -40 to 80 °C           |
| Connection Type         | RJ45                   |
| Enclosure Material      | Zinc Alloy             |
| Enclosure Rating        | IP 20                  |
| Depth (D)               | 45.5mm                 |
| Height (H)              | 75 mm                  |
| Width (W)               | 19 mm                  |
| Complies With           | IEC® 61643-21          |

## DIAGRAMS



## WARNING

nVent products shall be installed and used only as indicated in nVent's product instruction sheets and training materials. Instruction sheets are available at [www.nvent.com](http://www.nvent.com) and from your nVent customer service representative. Improper installation, misuse, misapplication or other failure to completely follow nVent's instructions and warnings may cause product malfunction, property damage, serious bodily injury and death and/or void your warranty.

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