

# Product SPECIFICATION SHEET



KS-RJ11-2/3-48, KS-G3.81-2/3-48, KS-RJ45-100/3-12

Data protection module for LAN and digital telecommunication



SurgeGuard 's surge protection device for digital data line, KS-RJ45, is designed to protect networking systems and digital communication systems using switches, routers, modems etc. The design is based on the principle of current limiting as well as voltage clamping and stabilizing

## Features

- High Surge Current Rating
- Multi-Stage Hybrid Design
- Fast Response
- Low Residual Voltage
- Long Lifetime
- Common and Transverse Mode
- Easy Installation

| Type                            | KS-RJ11-2/3-48        | KS-G3.81-2/3-48 | KS-RJ45-100/3-12 |
|---------------------------------|-----------------------|-----------------|------------------|
| Interface Port                  | RJ11                  | Screw Terminal  | RJ45             |
| Nominal Voltage (Un)            | 48VDC                 | 48VDC           | 12VDC            |
| Max Discharge Current (8/20µs)  | 3kA                   | 3kA             | 5kA              |
| Clamping Voltage (Line to Line) | ≤30VDC                |                 |                  |
| Residual Voltage (10/700µs)     | ≤45V                  |                 |                  |
| Transmission Rate (bit/s)       | 10/100M               |                 |                  |
| Insertion Loss                  | ≤0.1dB                |                 |                  |
| Response time                   | ≤1ns                  |                 |                  |
| Housing Material                | Aluminium Die-Casting |                 |                  |
| Protection Rating               | IP20                  |                 |                  |
| Size (L xW x H)                 | 70x25x25              | 59x25x25        | 99x25x25         |

## BRANCH CONTACT DETAILS

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