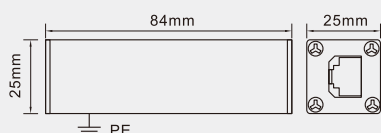
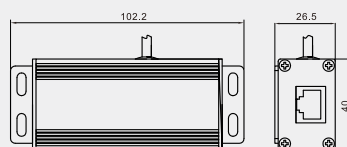


# TY-RJ45

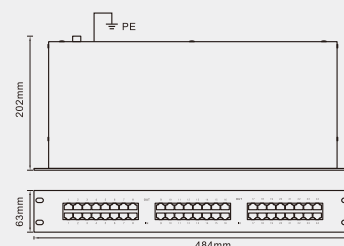
SPD for Data Protection



TYRJ45L-4L



TYRJ45H-8L



TYRJ45L-4LR

|   |      | TYRJ45L-4L         | TYRJ45H-8L         | TYRJ45L-4LR     |
|---|------|--------------------|--------------------|-----------------|
| Test standards                                    |      | IEC 61643-21       | IEC 61643-21       | IEC 61643-21    |
| Nominal voltage                                   | Un   | 5V                 | 5V                 | 5V              |
| Max. continuous operating d.c. voltage            | Uc   | 6V                 | 6V                 | 6V              |
| Max. continuous operating a.c. voltage            | Uc   | 4V                 | 4V                 | 4V              |
| Nominal current                                   | IL   | 0.5A               | 0.5A               | 0.5A            |
| D1 Lightning impulse current (10/350 μs) per line | Iimp | 0.5 kA             | 0.5 kA             | 0.5 kA          |
| C2 Nominal discharge current(8/20μs) per line     | In   | 1.5kA              | 1.5kA              | 1.5kA           |
| Voltage protection level [line–line] @200A        | Up   | ≤30V               | ≤30V               | ≤30V            |
| Voltage protection level [line–PG] @1.5kA         | Up   | ≤500V              | ≤500V              | ≤500V           |
| Voltage protection level line-line at 1 kV/μs C3  | Up   | ≤180V              | ≤180V              | ≤180V           |
| Voltage protection level line-PG at 1 kV/μs C3    | Up   | ≤500V              | ≤500V              | ≤500V           |
| Response time [line–line]                         | tA   | ≤1ns               | ≤1ns               | ≤1ns            |
| Response time [line–PG]                           | tA   | ≤100ns             | ≤100ns             | ≤100ns          |
| Operating temperature range                       | TU   | -40°C...+80°C      | -40°C...+80°C      | -40°C...+80°C   |
| Connection input/output                           |      | RJ45 socket 4 line | RJ45 socket 8 line | RJ45 24 sockets |
| Bandwidth   |      | 30 Mbps            | 300 Mbps           | 30 Mbps         |
| Insertion Loss                                    |      | ≤0.3dB             | ≤0.3dB             | ≤0.3dB          |
| Enclosure material                                |      | aluminium alloy    | aluminium alloy    | aluminium alloy |
| Degree of protection                              |      | IP20               | IP20               | IP20            |

Surge Arrester