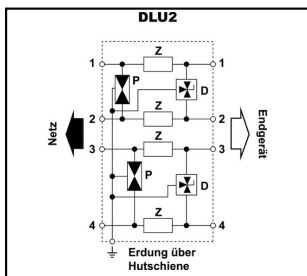
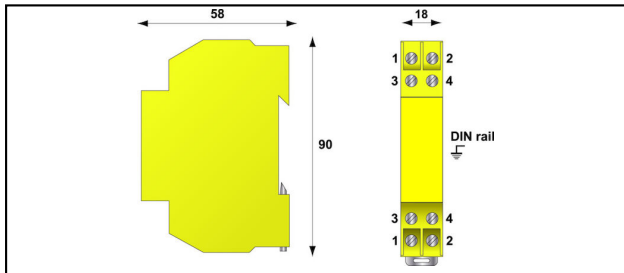
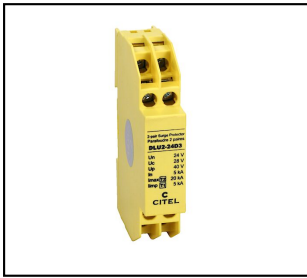





Informatics, Telecommunication

■ **DLU 2** Surge protection DLU-06D3**Characteristics**

Designed to protect, against surge voltages due to lightning, telecom lines. Based on gas-tube technology with fast switching diodes.

| Article-Nr. | E-Number |  | v U_N | ns t_A | kV U_P | kA I_{max} | mm ²  | | |  VE Emb |
|-------------|-------------|---|------------|-------------|-------------|-----------------|--|--|--|--|
| 296.074.262 | 970 508 003 | 4 | 12 | ≤1 | 0.02 | 20 | 0.75 - 1.5 | | | 1 |
| 296.074.264 | 970 509 003 | 4 | 24 | ≤11 | 0.04 | 20 | 0.75 - 1.5 | | | 1 |
| 296.074.266 | 970 531 003 | 4 | 48 | ≤1 | 0.07 | 20 | 0.75 - 1.5 | | | 1 |

Technical Specifications: Surge protection DLU-06D3 DLU 2

| | 296.074.262 | 296.074.264 | 296.074.266 |
|--|-------------------------------|----------------------------|---|
| Nominal voltage Un | 12 V | 24 V | 48 V |
| Number of wires | 4 | | |
| Operating voltage max. [UcDC] | 15 V | | 53 V |
| Nominal line voltage Un AC | 12 V | 24 V | 48 V |
| Nominal line voltage Un DC | 12 V | 24 V | 48 V |
| Continuous voltage AC max. | 10 V | 20 V | 37 V |
| Continuous voltage DC max. | 15 V | 28 V | 53 V |
| Applications with interface | RS232 RS485 | 4-20 mA Stromschleife 24 V | 48 V Analoges Telefon ADSL RNIS-T0 Profibus PA |
| Nominal discharge surge current (8/20) | 5 kA | | |
| Nominal load current | 0.3 A | | |
| Voltage protection level [Up] | 0.02 kV | 0.04 kV | 0.07 kV |
| Response time [ta] | ≤1 ns | ≤11 ns | ≤1 ns |
| Fault indication | Kurzschluss | | |
| Temperature range | -40 - 85 °C | | |
| Degree of protection | IP20 | | |
| Dimensions | Siehe Massbild | | |
| Signaling on the device | None | | |
| Connection cross section solid / stranded max. | 1.5 mm ² | | |
| Nominal cross section conductor | 0.75 - 1.5 mm ² | | |
| Signal nominal load current | 0.3 A | | |
| Nominal discharge current [In] | 5 | | |
| Discharge current max. [Imax] | 20 kA | | |
| Connector (information technology) | Clamp | | |
| Mounting method | DIN rail (top hat rail) 35 mm | | |
| With remote signalling contact | No | | |
| Signal - maximum continuous voltage AC | 10 V | | 37 V |
| Standards | | | |
| Homologation | UL | | |
| Test standards International | IEC 61643-21 | | |
| Test standards USA | UL 1449 ed.3 | | |
| Commercial specification | | | |
| Customs number | 85363000 | | |
| country of origin | undefined | | |
| Logistic specification | | | |
| VPE Weight | | 0.078 kg | 0.079 kg |