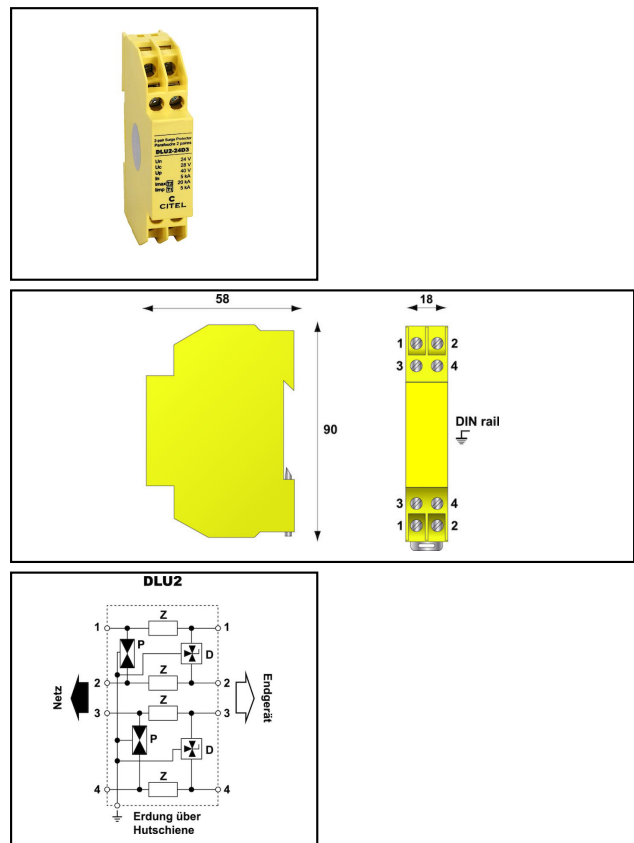


Informatics, Telecommunication

DLU 2 Surge protection



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

| Article-Nr. | E-Number    |  | <div>V</div> <div>U<sub>N</sub></div> | <div>ns</div> <div>t<sub>A</sub></div> | <div>kV</div> <div>U<sub>P</sub></div> | <div>kA</div> <div>I<sub>max</sub></div> | <div>mm²</div>  |  |  | <div></div> <div>VE Emb.</div> |
|-------------|-------------|-------------------------------------------------------------------------------------|---------------------------------------|----------------------------------------|----------------------------------------|------------------------------------------|------------------------------------------------------------------------------------------------------|--|--|---------------------------------------------------------------------------------------------------------------------|
| 296.074.262 | 970 508 003 | 4                                                                                   | 12                                    | ≤1                                     | 0.02                                   | 20                                       | 0.75 - 1.5                                                                                           |  |  | 1                                                                                                                   |

Technical Specifications: Surge protection DLU 2

|                                                |                               |
|------------------------------------------------|-------------------------------|
| Article No.                                    | 296.074.262                   |
| Nominal voltage Un                             | 12                            |
| Number of wires                                | 4                             |
| Operating voltage max. [UcDC]                  | 15 V                          |
| Nominal line voltage Un AC                     | 12 V                          |
| Nominal line voltage Un DC                     | 12 V                          |
| Continuous voltage AC max.                     | 10 V                          |
| Continuous voltage DC max.                     | 15 V                          |
| Applications with interface                    | RS232 RS485                   |
| Nominal discharge surge current (8/20)         | 5 kA                          |
| Nominal load current                           | 0.3 A                         |
| Voltage protection level [Up]                  | 0.02 kV                       |
| Response time [ta]                             | ≤1                            |
| 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 mm²                       |
| Nominal cross section conductor                | 0.75 - 1.5 mm²                |
| 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                          |
| 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                     |

