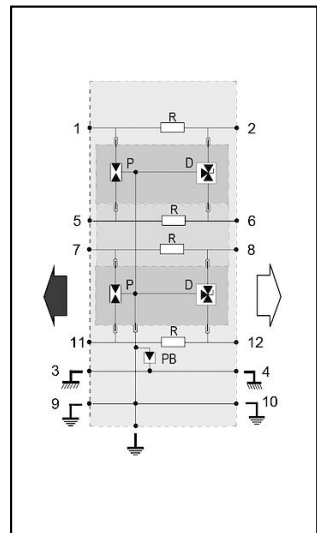
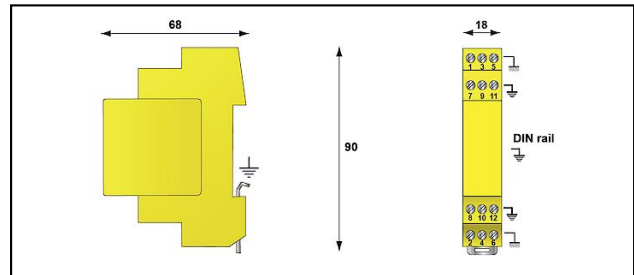


Informatics, Telecommunication

DLA2 Surge protection



**Characteristics**  
Designed to protect, against surge voltages due to lightning, telecom lines. Based on gas-tube technology with fast switching diodes. When the plug-in module is pulled, the transmission signal is not interrupted.

| Article-Nr. | E-Number    |  | <div>V</div> <div><math>U_N</math></div> | <div>ns</div> <div><math>t_A</math></div> | <div>kV</div> <div><math>U_P</math></div> | <div>kA</div> <div><math>I_{max}</math></div> | <div>mm²</div>  |  |  |  |
|-------------|-------------|-------------------------------------------------------------------------------------|------------------------------------------|-------------------------------------------|-------------------------------------------|-----------------------------------------------|------------------------------------------------------------------------------------------------------|--|--|---------------------------------------------------------------------------------------|
| 296.640.311 | 970 500 403 | 4                                                                                   | 24                                       | <1                                        | 0.04                                      | 20                                            | 0.4 - 1.5                                                                                            |  |  | 1                                                                                     |

Technical Specifications: **Surge protection** DLA2

|                                        |                               |
|----------------------------------------|-------------------------------|
| Article No.                            | 296.640.311                   |
| Nominal voltage Un                     | 24                            |
| Number of wires                        | 4                             |
| Operating voltage max. [UcDC]          | 28 V                          |
| Nominal line voltage Un DC             | 24 V                          |
| Continuous voltage DC max.             | 28 V                          |
| Applications with interface            | 4-20 mA Stromschleife 24 V    |
| Nominal discharge surge current (8/20) | 5 kA                          |
| Nominal load current                   | 0.3 A                         |
| Voltage protection level [Up]          | 0.04 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                          |
| Nominal cross section conductor        | 0.4 - 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                            |
| Standards                              |                               |
| Homologation                           | UL497A                        |
| Test standards International           | IEC 61643-21                  |
| Commercial specification               |                               |
| Customs number                         | 85363000                      |
| country of origin                      | undefined                     |
| Logistic specification                 |                               |
| VPE Weight                             | 0.075 kg                      |

