



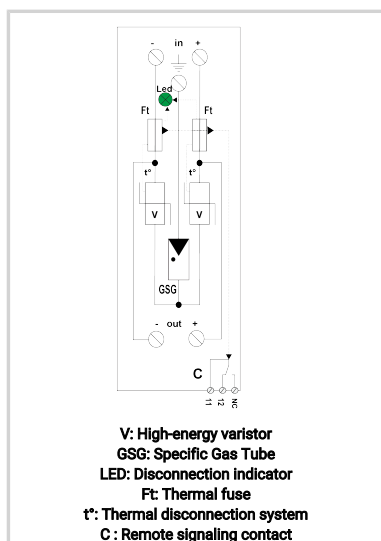
# CITEL



## Compact Type 2 (or 3) DC surge protector - 65 V - Monobloc

### DDCN06S-L21YG-65

- DC Power Type 2+3 SPD
- 2-port configuration (series mounting)
- Compact and Cost effective
- In/Imax: 2 kA/6 kA
- Max. load current: 16A
- Disconnection + AC line cut
- Remote signaling
- EN 61643-11, IEC 61643-11 compliance



| Electrical Characteristics                                                          |       |                                   |
|-------------------------------------------------------------------------------------|-------|-----------------------------------|
| Nominal DC voltage                                                                  | Un-dc | 48 Vdc                            |
| Max. DC operating voltage                                                           | Uc    | 65 Vdc                            |
| Max. load current @25°C                                                             | IL    | 16 A                              |
| Residual Current                                                                    | Ipe   | None                              |
| Leakage current to Ground                                                           |       |                                   |
| Nominal discharge current<br>15 x 8/20 µs impulses                                  | In    | 2 kA                              |
| Max. discharge current<br>max. withstand @ 8/20 µs by pole                          | Imax  | 6 kA                              |
| Withstand on Combination waveform IEC 61643-11<br>Class III test: 1.2/50µs - 8/20µs | Uoc   | 4 kV                              |
| Connection mode(s)                                                                  |       | +/-/PE                            |
| Protection level +/-<br>@ In (8/20µs)                                               | Up    | 0.5 kV                            |
| Protection level +/-PE (-/PE)<br>@ In (8/20µs)                                      | Up    | 0.8 kV                            |
| Admissible short-circuit current                                                    | Iscrr | 10 000 A                          |
| Mechanical Characteristics                                                          |       |                                   |
| SPD configuration                                                                   |       | Single phase                      |
| Connection to Network                                                               |       | By screw terminals: 1.5-10mm²     |
| Mounting                                                                            |       | Symmetrical rail 35 mm (EN 60715) |
| Housing material                                                                    |       | Thermoplastic UL94 V-0            |
| Operating temperature                                                               | Tu    | -40/+85°C                         |
| Protection rating                                                                   |       | IP20                              |
| Failsafe mode                                                                       |       | Disconnection and AC line cut-off |
| Disconnection indicator                                                             |       | Green LED OFF                     |
| Remote signaling of disconnection                                                   |       | output on NC contact              |
| Dimensions                                                                          |       | See diagram - 1TE (EN43880)       |
| Weight                                                                              |       | 0.092 kg                          |
| Disconnectors                                                                       |       |                                   |
| Thermal disconnector                                                                |       | Internal                          |
| Back-up protection device                                                           |       | Fuse type gG - 16 A               |
| Standards                                                                           |       |                                   |
| Standards compliance                                                                |       | IEC 61643-11 / prIEC 61643-41     |
| Part number                                                                         |       |                                   |
| 70135052                                                                            |       |                                   |

