



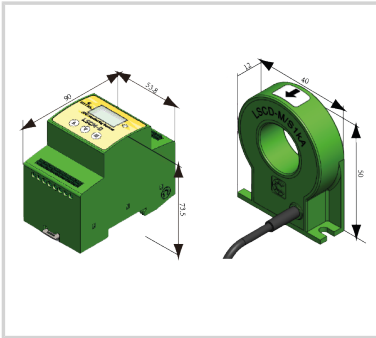
# CITEL

## Smart SPD Monitoring Device

### LSCM-D/230AC/P300



- Lightning and Surge Current Counter & SPD monitoring device
- Wide surge current detection range:
  - 0.3/50 kA @8/20µs
  - 0.3/25 KA @10/350µs
- Front display for access to recorded events and device parameters
- Peak current and time stamping recording of the surge currents
- RS485 communication interface / MODBUS protocol
- Monitoring features : 2 inputs (SPD or disconnector status) / 1 ouput
- IEC 62561-6 compliance



| Electrical Characteristics        |                  |  |
|-----------------------------------|------------------|--|
| Max. AC operating voltage         | Uc               | 230 Vac  |
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| Connection mode(s)                |                  | 2 connection PE ports  |
| Minimum current sensibility       | I <sub>tc</sub>  | 0.3 kA   |
| Max. admissible impulse current   | I <sub>mcw</sub> | 50 kA (8/20µs) / 25 kA (10/350 µs)   |
| Mechanical Characteristics        |                  |  |
| Wiring                            |                  | Connection wire sensor : Coaxial-cable AWG26   |
| Mounting                          |                  | Symmetrical rail 35 mm (EN 60715)  |
| Housing material                  |                  | Thermoplastic UL94 V-0   |
| Operating and storage temperature |                  | -20/+60°C / -25 /+70°C   |
| Protection rating                 |                  | IP20   |
| Connection                        |                  | <ul style="list-style-type: none"> <li>Counter : Spring-cage terminals</li> <li>Sensor : Plug-in (1 sensor line port)</li> </ul> |
| Remote signaling of disconnection |                  | Two channel to input switching signal and one channel of output switching signal   |
| Display                           |                  | 128*64 lattice OLED display, green/red status LED display  |
| Dimensions                        |                  | See diagram  |
| Standards                         |                  |  |
| Standards compliance              |                  | EN 62561-6   |
| Part number                       |                  |  |
| <b>793533</b>                     |                  |  |

