

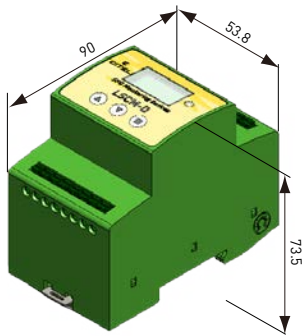
# LSCM-D RANGE



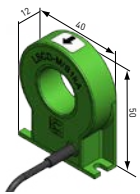
Complete unit LSCM-D/24/P1000

- Lightning and Surge Current Counter & SPD monitoring device
- Wide surge current detection range :
  - 0.3/25 kA or 1/50 kA @ 10/350µs
  - 0.3/50 kA or 1/100 kA @ 8/20µs
- 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 disconnecter status)/1 output
- IEC62561-6 compliance

## Characteristics



Monitoring unit LSCM-D/24



Sensor LSCM-P1000

CITEL Range	LSCM		
Application	Detect and record surge & lightning currents and monitor the SPD status		
Range of lightning current detection	P1000 version: 1-100 kA (8/20µs), 1-50 kA (10/350µs) P300 version: 0.3-50 kA (8/20µs), 0.3-25 kA (10/350µs)		
Input/output	Two channels of input switching signal and one channel of output switching signal		
Communication	RS485 bus (MODBUS protocol)		
Power supply	24 Vdc/ 24 Vac (LSCM-D/24) or 120/230 Vac (LSCM-D/230AC)		
Built-in battery (date saving) life	3-6 months, rechargeable		
Error and precision (peak value)	0.1 kA ; +/- 5%		
Display module	128*64 lattice OLED display, green/red status LED display		
CITEL model	LSCM-D/**	LSCM-P1000	LSCM-P300
Description	Monitoring unit	1 kA sensor	0.3 kA sensor
Dimensions	See diagram	See diagram	see diagram
Weight	130 g	40 g (with 1m wire)	40 g (with 1m wire)
Mounting	Symmetrical DIN rail 35 mm (EN60715)	2*M3 bolts	2*M3 bolts
Operating temperature	-25/+70°C	-25/70°C	-25/+70°C
Storage temperature	-20/+60°C	-20/+60°C	-20/+60°C
Protection rating	IP20	IP20	IP20
Housing material	Thermoplastic UL94 V-0	Thermoplastic UL94 V-0	Thermoplastic UL94 V-0
Connection wire	Not provided	Coaxial cable AWG26	Coaxial cable AWG26
Ground connection	Two connection PE ports	NA	NA
Terminal connection	Spring-cage terminals	Wire connection	Wire connection
Standards			
Compliance	EN 62561-6		
Part number			
LSCM-D/24/P1000	Complete set - 24V power - 1 kA mini detection	793532	
LSCM-D/24/P300	Complete set - 24V power - 0.3 kA mini detection	793531	
LSCM-D/230AC/P1000	Complete set - 230Vac power - 1 kA mini detection	793534	
LSCM-D/230AC/P300	Complete set - 230Vac power - 0.3 kA mini detection	793533	

\*\* ) 24 or 230AC

