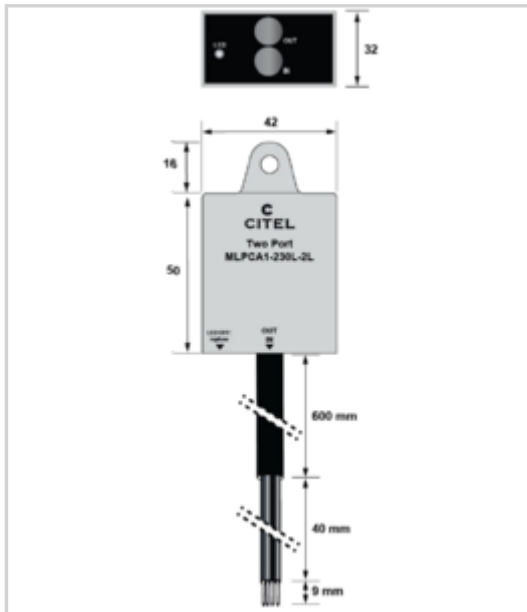


2-port MLPCA1-230L-2L



- Compact type 2+3 surge protection
- For equipment of protection class I
- Simple installation due to two-port design
- Fully encapsulated housing with rubber tubing (IP65)
- Status signalling
- Device defect disconnection from the mains and current circuit disconnection
- Complies with IEC 61643-11 and EN 61643-11 standards
- Particularly suitable for end circuits: e.g. LED lighting with additional protection of a control phase



| Electrical Characteristics | |
|--|---|
| SPD type | 2+3 |
| Network | 220-240V 2-phase + N |
| AC system | TT-TN |
| Nominal line voltage | Un 230 V |
| Max. AC operating voltage | Uc 320 Vac |
| Max. load current @25°C | IL 10 A |
| Temporary Over Voltage (TOV) Characteristics - 5 sec. Without disconnection | UT 335 Vac withstand |
| Temporary Over Voltage (TOV) Characteristics - 120 mn Without disconnection or with safety disconnection | UT 440 Vac disconnection |
| Follow current | If None |
| Nominal discharge current 15 x 8/20 μs impulses | In 5 kA |
| Max. discharge current max. withstand @ 8/20 μs by pole | Imax 10 kA |
| Total Maximum discharge current max. total withstand @ 8/20 μs | Imax Total 30 kA |
| Withstand on Combination waveform IEC 61643-11 Class III test: 1.2/50μs - 8/20μs | Uoc 10 kV |
| Withstand on overvoltages IEEE C62.41.1 | 10 kV / 10 kA |
| Protection mode(s) | Common/Differential mode |
| Protection level @ In (8/20μs) | Up 1.5 kV |
| Protection level L/N @ In (8/20μs) | Up L/N 1.5 kV |
| Protection level L/PE @ In (8/20μs) | Up L/PE 1.5 kV |
| Admissible short-circuit current | Iscrr 10 000 A |
| Mechanical Characteristics | |
| Technology | MOV+GDT |
| Connection to Network | 4-wire rubber hose line 1.5mm ² (in/out) |
| Mounting | Wall or plate |
| Housing material | Thermoplastic UL94 V-0 |
| Operating temperature | Tu -40/+85°C |
| Protection rating | IP65 |
| Failsafe mode | Disconnection and AC line cut-off |
| Disconnection indicator | LED green OFF and AC network cut-off |
| Voltage/operating indicator | Green Led ON |
| Dimensions | See diagram |
| Weight | 0.152 kg |
| Disconnectors | |
| Thermal disconnector | Internal |
| Installation ground fault breaker | Type 'S' or delayed |
| Standards | |
| Standards compliance | IEC 61643-11 / EN 61643-11 / UL1449 ed.5 |
| Certification | CE / UKCA |
| Part number | 835285 |

