

MLP2-230L-P



Specially developed spd with combined protection for 2-phase power supply (control phase):

- Many variants available depending on application
- ▶ With screw terminals or cable wiring
- ▶ IP65 versions
- For protection class I or II application
- ➤ Developed for Uoc: 10 kV and Imax: 10 kA for highest outdoor requirements according to IEEE & ANSI
- Optical error signalling



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CITEL 70 91
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Lin Ft Lout Nout
V: Varistor Ft: Thermal fuse t°: Thermal disconnection system LED: Disconnection indicator

Electrical Characteristics			
SPD type	IEC	2+3	
Network		220-240 V Single-phase	
AC system		TT-TN	
Nominal line voltage	Un	230-277 Vac	
Max. AC operating voltage	Uc	305 Vac	
Max. frequency	f max.	10 MHz	
Max. load current @25°C	IL	2.5 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	
Residual Current Leakage current to Ground	lpe	None	
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	lmax	10 kA	
Total Maximum discharge current max. total withstand @ 8/20 µs	Imax Total	20 kA	
Withstand on Combination waveform IEC 61643-11 Class III test: 1.2/50µs - 8/20µs	Uoc	10 kV / 5 kA	
Withstand on overvoltages IEEE C62.41.1		10 kV / 10 kA	
Protection mode(s)		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	Isccr	10 000 A	
Mechanical Characteristics			
Technology		MOV+GDT	
Connection to Network		By screw terminal: 1.5mm² max.	
Mounting		On plate	
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		LED green OFF and AC network cut-off	
Operating indicator		Green Led ON	
Remote signaling of disconnection		No .	
Dimensions		See diagram	
Weight		0.073 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	
Part number			
721212			