



# CITEL

## 1-pair '5pins' plug-in surge protector

### DP80-TW



- Surge protector '5-pin' configuration
- 1-pair
- Fast installation with no wiring modification
- Fast maintenance
- For analog or high speed telecom lines



Electrical Characteristics		
Network		RTC, ADSL
Nominal line voltage	Un	150 V
Max. DC operating voltage	Uc	170 Vdc
Max. frequency	f max.	> 10 MHz
Insertion loss		< 1 dB
Max. load current @25°C	IL	100 mA
Nominal discharge current <i>15 x 8/20 μs impulses</i>	In	5 kA
Max. discharge current <i>max. withstand @ 8/20 μs by pole</i>	Imax	10 kA
Nominal discharge current <i>C2 Category</i>	In	5 kA
Nominal Discharge Current, X-C (Line/Earth) <i>8/20μs Test x 10 - C2 Category</i>	In L/PE	5 kA
Protection mode(s)		Common/Differential mode
Protection level <i>@ In (8/20μs)</i>	Up	700 V
Protection Level <i>C3 (10/1000μs), 300 applications@10 A, Y-Y (Line/Line)</i>	Up	700 V
Protection Level <i>C3 (10/1000μs), 300 applications@10 A, Y-C (Line/Earth)</i>	Up	700 V
Max. capacitance	C	< 70 pF
Line/Line Nominal discharge current <i>C2 Category</i>	In L/L	5 kA
Mechanical Characteristics		
Technology		GDT+CTP
SPD configuration		1 pair
Connection to Network		'5-pin' plug-in
Format		1-pair plug-in box
Mounting		On '5-pin' connector block
Housing material		Thermoplastic UL94 V-0
Operating temperature	Tu	-40/+85°C
Protection rating		IP20
Failsafe mode		Short-circuit
Disconnection indicator		Transmission interrupt
Remote signaling of disconnection		No
Dimensions		See diagram
Standards		
Standards compliance		IEC 61643-21 / EN 61643-21
Part number		
85126		

