



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	U_n	150 V
Max. DC operating voltage	U_c	170 V
Max. load current	I_L	100 mA
Max. frequency	f	> 10 MHz
Insertion loss		< 1 dB
Nominal discharge current <i>15 x 8/20 μs impulses</i>	I_n	5 kA
Max. discharge current <i>max. withstand @ 8/20 μs by pole</i>	I_{max}	10 kA
Protection model(s)		Common/Differential mode
Protection level <i>@ I_n (8/20μs)</i>	U_p	700 V
Protection level <i>Following the test category C3 (IEC61643-21) - Line/Line</i>	U_p	700 V
Max. shunt capacitance	C	< 70 pF
Nominal discharge current <i>8/20μs Test x 10 - C2 Category</i>	I_n	5 kA
Line/Line Nominal discharge current <i>8/20μs Test x 10 - C2 Category</i>	I_n L/L	5 kA
Line/Ground Nominal discharge current <i>8/20μs Test x 10 - C2 Category</i>	I_n L/PE	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-V0
Operating temperature		-40/+85°C
Protection rating		IP20
Failsafe behavior		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