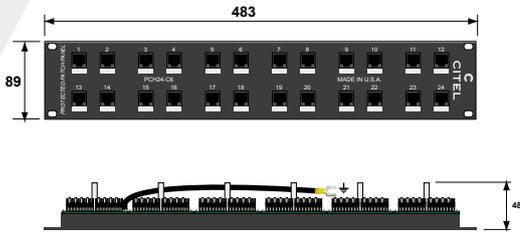


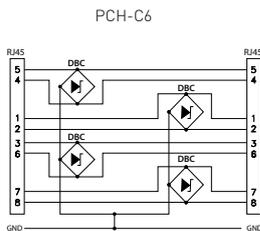
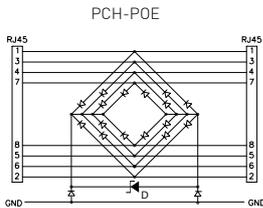
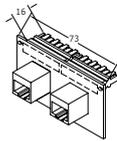
PCH SERIES



- 19" Rack mounted
- 12, 24 et 48 ports
- In/out: Connector type 110 / RJ45
- Available for Ethernet network and Telecom lines
- Possible maintenance per 2-line circuit
- Secondary protection
- IEC 61643-21 and UL497B compliance



Surge protector circuit 2 lines



D : Clamping diode
 DBC : 3-pole low capacitance clamping diode

Characteristics

CITEL Model	PCH*-C6	PCH*-POE-A	PCH12-RJ45-G
Description	19" patch panel surge protector for UTP lines high-speed network		
Network	Gigabit Ethernet, RS422, RS485, Cat. 6	POE+, Gigabit Ethernet, Cat. 5	Telephone line, ADSL
Max. data rate	10 Gbps	1 Gbps	40 Mbps
SPD configuration	12, 24 or 48 ports with 8 wires	12, 24 or 48 ports with 8 wires	12 ports of 8 wires
Pin outs	{1-2}{3-6}{4-5}{7-8}	{1-2}{3-6}{4-5}{7-8}	{1-2}{3-6}{4-5}{7-8}
Nominal line voltage	Un 5 Vdc	48 Vdc	200 Vdc
Max. DC operating voltage	Uc 7.5 Vdc	60 Vdc	240 Vdc
Max. Load current	IL 750 mA	750 mA	750 mA
Max. frequency	f max 250 MHz	> 100 MHz	> 100 MHz
Insertion loss	< 1 dB	< 1 dB	< 1 dB
Nominal discharge current Line/Ground	In 500 A	250 A	350 A
<i>8/20µs Test x 10 - C2 category</i>			
Nominal discharge current Line/Line	In 500 A	250 A	350 A
<i>8/20µs Test x 10 - C2 category</i>			
Protection level	Up 20 V	20 V	300 V
<i>C3 Category test - Line/Line</i>			
Failsafe behavior	Short-circuit	Short-circuit	Short-circuit

Mechanical characteristics

Dimensions	see diagram
Format	Rack 19"
Connection to Network	Self-stripping connector 110 back/RJ45 female. front transmission interrupt - default mode 2
End of life	removable circuit 2 ports
Spare unit	removable circuit 2 ports
Mounting	19" rack panel
Operating temperature	-40/+85°C
Protection rating	IP20
Housing material	Aluminium

Standards

Compliance	IEC/EN 61643-21 / UL497B IEEE 802-3ab	IEC/EN 61643-21 / UL497B IEEE 802-3ab/3at	IEC/EN 61643-21 / UL497B
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Part number

12-port version	PCH12-C6	6249	PCH12-POE-A	6273	PCH12-RJ45-G	6350
24-port version	PCH24-C6	6251	PCH24-POE-A	6274	on request	-
48-port version	PCH48-C6	6252	PCH48-POE-A	6275	on request	-

* : 12, 24 or 48-port