

19" patch panel surge protector for high-speed network RAK series

RAK-B-SO

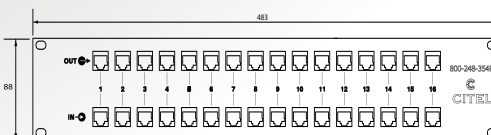
RAK-E-C6

RAK-BNC

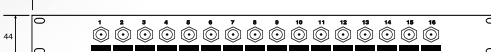
RAK-B-SO



RAK-E-C6



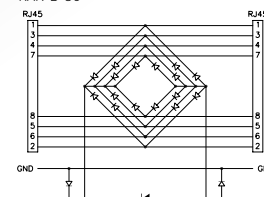
RAK-BNC



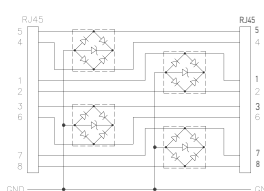
Surge protector circuit 1 line



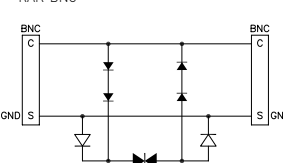
RAK-B-SO



RAK-E-C6



RAK-BNC



- 19" Rack mounted or stand off
- 16 or 32 ports
- In/out front : RJ45, BNC
- Available for Telecom and Ethernet networks
- Possible maintenance per line
- Secondary protection
- IEC 61643-21 and UL497B compliance

Characteristics

CITEL Model		RAK*-E-C6	RAK*-POE-A	RAK*-POE-B	RAK16-BNC
Description		19'' patch panel surge protector for high-speed network			
Network		100/1000/10G BaseT, RS422, RS485, RS423, Ethernet	POE mode A, Gigabit Ethernet, POE Plus	POE mode B, Gigabit Ethernet, POE Plus	Video
Max. data rate		10 Gbps	1000 Mbps	1000 Mbps	1000 Mbps
SPD configuration		16 ou 32 ports de 8 fils	16 ou 32 ports de 8 fils	16 ou 32 ports de 8 fils	16 ports BNC
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	5 Vdc/48 Vdc	5 Vdc
Max. DC operating voltage	Uc	7.5 Vdc	60 Vdc	Pin 1.2.3.6 : 7.5Vdc Pin 4.5.7.8 : 60 Vdc	7.5 Vdc
Max. Load current	IL	750 mA	750 mA	750 mA	750 mA
Max. frequency	fmax	250 MHz	> 100 MHz	> 100 MHz	> 100 MHz
Insertion loss		< 1 dB	< 1 dB	< 1 dB	< 1 dB
Line/Ground Nominal discharge current 8/20µs Test x 10 - C2 category	In	500 A	250 A	600 A/250 A	600 A
Nominal discharge current Line/Line 8/20µs Test x 10 - C2 category	In	500 A	250 A	600 A/250 A	600 A
Protection level	Up	20 V	80 V	20V/80 V	20 V
Failsafe behavior		Short-circuit	Short-circuit	Short-circuit	Short-circuit
Mechanical characteristics					
Dimensions		see diagram			
Format		Rack 19''			
Connection to Network		RJ45 female intput/output			RJ45 female intput/output
Disconnection indicator		transmission interrupt			
Spare unit		removable circuit 1 line			
Mounting		19'' rack or wall mounted (version SO)			
Operating temperature		-40/+85°C			
Protection rating		IP20			
Housing material		Aluminium			
Standards compliance		IEC 61643-21 / EN 61643-21 / UL497B / IEEE 802-3an	IEC 61643-21/ EN 61643-21 / UL497 B / IEEE 802-3at		IEC 61643-21 / EN 61643-21 / UL497B
Part number					
16-port version		RAK16-E-C6 6254	RAK16-POE-A 6372	RAK16-POE-B 6256	RAK16-BNC 6253
32-port version		RAK32-E-C6 891103	RAK32-POE-A on request	RAK32-POE-B on request	- -
16-port version stand-off		RAK16-E-C6-SO 891102	RAK16-POE-A-SO 6282	RAK16-POE-B-SO 6285	- -
32-port version stand-off		RAK32-E-C6-SO 6257	RAK32-POE-A-SO 891104	RAK32-POE-B-SO 891105	- -

* : 16 or 32-port