



BS LC...

Para la instalación en LPZ 0A -2 o superior, cerca de los dispositivos protegidos. Proporciona protección a los 2 hilos individuales de las interfaces no balanceadas con la medición y el control del sistema. Interfaz de entrada / salida de la línea de control de 0-20 mA, 4-20 mA.

BS LC 110 utilizado en la línea telefónica, ADSL o línea RDSI.

- Compuesta por dos partes: la base y el módulo de protección
- La señal no se desconectará cuando reemplace el módulo
- Alta capacidad de descarga.

Diagrama del Circuito

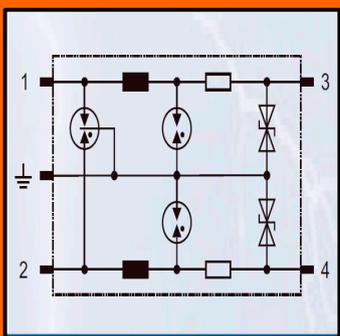
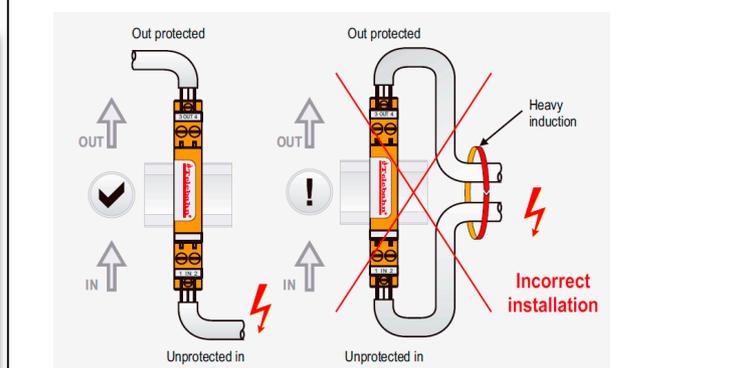
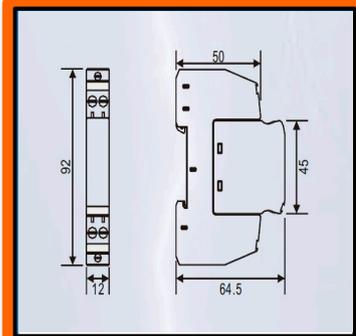


Diagrama de Dimensiones



BS ...	LC 5	LC 12	LC 24	LC 48	LC 60	LC 110
Nominal voltage [U_n]	5V	12V	24V	48V	60V	110V
Rated voltage (max. continuous d.c. voltage) [U_c]	6V	14V	26V	55V	65V	170V
Rated voltage (max. continuous a.c. voltage) [U_c]	4.2V	10V	19V	39V	50V	130V
Nominal current [I_L]	0.5A	0.5A	0.5A	0.5A	0.5A	1A
Lightning impulse current (10/350) (per line) [I_{imp}]	2.5kA	2.5kA	2.5kA	2.5kA	2.5kA	2.5kA
Lightning impulse current (10/350) (total) [I_{imp}]	5kA	5kA	5kA	5kA	5kA	5kA
Nominal discharge current (8/20) (per line) [I_n]	10kA	10kA	10kA	10kA	10kA	10kA
Nominal discharge current (8/20) (total) [I_n]	20kA	20kA	20kA	20kA	20kA	20kA
Voltage protection level at I_{imp} (line-line) [U_p]	≤ 30V	≤ 60V	≤ 90V	≤ 150V	≤ 200V	≤ 600V
Voltage protection level at I_{imp} (line-PG) [U_p]	≤ 17V	≤ 30V	≤ 45V	≤ 75V	≤ 100V	≤ 300V
Voltage protection level at 1kV/μs (line-line) [U_p]	≤ 16V	≤ 36V	≤ 70V	≤ 140V	≤ 180V	≤ 520V
Voltage protection level at 1kV/μs (line-PG) [U_p]	≤ 8V	≤ 19V	≤ 35V	≤ 70V	≤ 90V	≤ 260V
Bandwidth (line-PG) [f_c]	1.6MHz	2.9MHz	5.1MHz	8.5MHz	10.8MHz	24.0MHz
Series impedance per line [R]	1.4Ω	1.9Ω	2.2Ω	2.2Ω	2.2Ω	0.4Ω
Capacitance (line-line) [C]	≤ 3nF	≤ 1nF	≤ 0.7nF	≤ 0.3nF	≤ 0.3nF	≤ 0.2nF
Capacitance (line-PG) [C]	≤ 5nF	≤ 2nF	≤ 1.3nF	≤ 0.6nF	≤ 0.6nF	≤ 0.4nF
Response time (line-line) [t_A]	≤ 1ns	≤ 1ns	≤ 1ns	≤ 1ns	≤ 1ns	≤ 25ns
Response time (line-PG) [t_A]	≤ 1ns	≤ 1ns	≤ 1ns	≤ 1ns	≤ 1ns	≤ 25ns
Operating temperature range	-40°C...+80°C					
Cross-sectional area	0.08mm ² ~ 4mm ² solid / 2.5mm ² flexible					
Mounting on	35mm DIN rail					
Enclosure material	Orange thermoplastic, UL94-V0					
Test standards	IEC 61643-21; GB 18802.21; YD/T 1542					
Certification	CE (LVD, EMC)					