

TELECOMMUNICATIONS PROTECTION



Telephone and Data Line Protectors

Ordering Code	Description
VHS-K10-72	Very High Speed, 10 Pair, 12 MHz, 8 Mbits/s, 72 V, a+b+e 20 kA 8/20 μ s, Multistage, Krone, LSA
VHS-K10-230	Very High Speed, 10 Pair, 12 MHz, 8 Mbits/s, 230 V, a+b+e 20 kA 8/20 μ s, Multistage, Krone, LSA

- Telephone and data line protection
- Multistage / over voltage protection
- Plugs directly into a KRONE* disconnect block

* KRONE, KRONE LSA and PROFIL are registered Trade Marks of KRONE GmbH Germany.

Please add "A" at the end of product code for markets outside of Australia.



Protection of RF Feeder Cables & High Speed Coaxial Cable Data Lines

Ordering Code	Description
RF-NMF-90	RF Protector, 20 kA, 72 V – 108 V, N Type M to F
RF-BNC-90	RF Protector, 20 kA, 72 V – 108 V, BNC Type M to F
RF-NB-90	RF Protector, 20 kA, 72 V – 108 V, N Type F to F (Bulkhead)
RF-NMF-350	RF Protector, 20 kA, 280 V – 420 V, N Type M to F
RF-BNC-350	RF Protector, 20 kA, 280 V – 420 V, BNC Type M to F
RF-NB-350	RF Protector, 20 kA, 280 V – 420 V, N Type F to F (Bulkhead)
RF-NMF-600	RF Protector, 20 kA, 480 V – 720 V, N Type M to F
RF-BNC-600	RF Protector, 20 kA, 480 V – 720 V, BNC Type M to F
RF-NB-600	RF Protector, 20 kA, 480 V – 720 V, N Type F to F (Bulkhead)
CF-90	RF / High Speed coaxial cable data line protector, 90 V, 20 kA, 75 Ohms
C75-BNC90	CCTV Circuit, 20 kA, 90 V, 75 Ohm, BNC Type
GSM 7/16F-7/16F	GSM Protector, 20 kA, 50 V, 50 Ohms, Frequency range 890 – 960 MHz, Female to Female*
GSM 7/16M-7/16F	GSM Protector, 20 kA, 50 V, 50 Ohms, Frequency range 890 – 960 MHz, Male to Female*

- For protection against transients on coaxial antenna RF feeder cables
- Simple plug in installation
- High impulse rating of 20 kA 8/20 μ s
- Characteristic impedance: 50 Ohms and 75 Ohms where applicable

* 1800 & 1900 MHz versions available on request.



Computer & Data Equipment Protectors

Ordering Code	Description
RS232 9-9 Pin	RS232 9-9 Pin (9 Pin Protected), 50 A 10/1000 μ s Wave Shape
RS232 25-9 Pin	RS232 25-9 Pin (9 Pin Protected), 50 A 10/1000 μ s Wave Shape
RS232 25-25 Pin	RS232 25-25 Pin (25 Pin Protected), 50 A 10/1000 μ s Wave Shape
RS422 25-25 Pin	RS422 25-25 Pin (25 Pin Protected), 50 A 10/1000 μ s Wave Shape

- High performance surge protectors for computers, terminals and printers
- Moulded construction
- Low clamping voltage
- Standard RS-232 Male / Female 9 & 25 pin



Local Area Network Protector

Ordering Code	Description
LAN RJ45 Cat6	LAN, RJ45, 100 Base T Protector, Cat 6
POE-RJ45-Cat5	Power over ethernet protector for CAT5 10/100 Base-T data & 48 V DC power signals

- Simple plug in operation
- CAT 6 / 1000 Mbits application
- Low attenuation
- Compact design



Load Cell Protector

Ordering Code	Description
ILC36V	Load Cell Surge Protector, 4 or 6 wire application, 36 V

- Designed for protection of sensitive strain gauge measuring equipment
- Protects against excitation overvoltage
- Low capacitance

Distributed by:

LIGHTNING PROTECTION INTERNATIONAL PTY LTD

ABN 11 099 190 897

LPI[®]

PO Box 379 Kingston, Tasmania, Australia 7051

49 Patriarch Drive, Huntingfield, Tasmania, Australia 7055

- Telephone: Australia: 03 6281 2477 International: +61 3 6281 2480
- Fax: +61 3 6229 1900
- Email: info@lpi.com.au
- Web: www.lpi.com.au

TELECOMMUNICATION PROTECTION

Din Mount Data and Telephone Line Protectors



- New DD range used directly with EIA standard interfaces RS-232, RS-422, RS-423, RS-485 and with 4-20mA instrumentation loops
- DD-1T single pair telephone line protector is suitable for analogue phone lines, ISDN, ADSL and PCM circuits

Electrical Specifications		DD-06	DD-06-BNC	DD-12	DD-24	DD-48	DD-1T
Nominal Operating Voltage	U_N	6 V	6 V	12 V	24 V	48 V	Telephone
		6.6 V _{DC}		15.6 V _{DC}	29 V _{DC}	62 V _{DC}	
Max. Continuous Operating Voltage	U_C	4.7 V _{RMS}	6.6 V _{DC}	11.0 V _{RMS}	20 V _{RMS}	44 V _{RMS}	190 V _{DC}
Surge Current rating (8/20µs)	I_{MAX}	20 kA					
Operating Current (DC or RMS)	I_L	2 A					
		150 mA					
Voltage Protection Level @ 3kA (8/20µs)	U_P	16 V	16 V	28 V	60 V	120 V	240 V
Loop Resistance		< 0.1Ω					
		6.6 Ω					
Bandwidth		5 MHz					
		1 MHz					
Protection Modes		Line-Line & Line-Ground					
Operating Temperature		-40° C to 60° C					

Application	DD-06	DD-06-BNC	DD-12	DD-24	DD-48	DD1T
RS-232				✓		
RS-422	✓					
RS-485			✓			
Fire Alarm Panels				✓		
Security Systems			✓	✓		
Process Control loops				✓		
C-BUS					✓	
Analogue telephone line						
Digital telephone line						✓
CCTV		✓				✓

Distributed by:

LIGHTNING PROTECTION INTERNATIONAL PTY LTD

LPI[®]

ABN 11 099 190 897

PO Box 379 Kingston, Tasmania, Australia 7051
49 Patriarch Drive, Huntingfield, Tasmania, Australia 7055

■ Telephone: Australia: 03 6281 2477 International: +61 3 6281 2480
 ■ Fax: +61 3 6229 1900
 ■ Email: info@lpi.com.au
 ■ Web: www.lpi.com.au

© Copyright 2017 Lightning Protection International Pty Ltd.

BR-SUM-V13