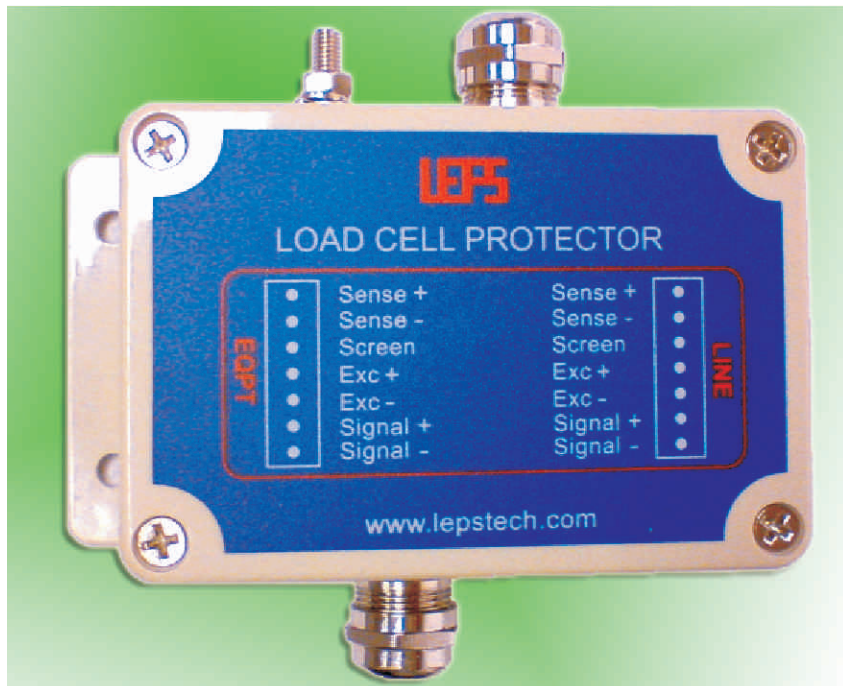


LOAD CELL & RTD PROTECTOR



Specially design to protect load cells, weighbridge, 3 and 4 wire RTD sensors, strain gauge sensors, and the measuring instrument of the weighbridge against surges and transients on system cabling

- ◆ Fully compatible with all load cells, RTD sensors, strain gauge sensors
- ◆ All mode protection
- ◆ Multi-stage design offers exceptional safety
- ◆ Waterproof design for harsh environment
- ◆ Failsafe design
- ◆ Easy installation & maintenance
- ◆ Five years warranty



Fully compatible with all load cells, RTD sensors, strain gauge sensors - LEPS LCP series of load cell & RTD protectors have different models that meets different surge protection applications. They are design not to impair the signal transmission and calibration of the electronic instrumentation.

All mode protection - Surges that appear between line to line, line to screen and line to earth can easily damage the sensitive digital load cell, strain gauge sensors, LCP offers all mode and repeated protection.

Multi-stage design offers exceptional safety - LCP series are multi-stage design which employed sophisticated hybrid circuitry by using a combination of high energy gas discharge tube, ultra fast diodes and SAD which ensures excellent protections without impeding normal operation.

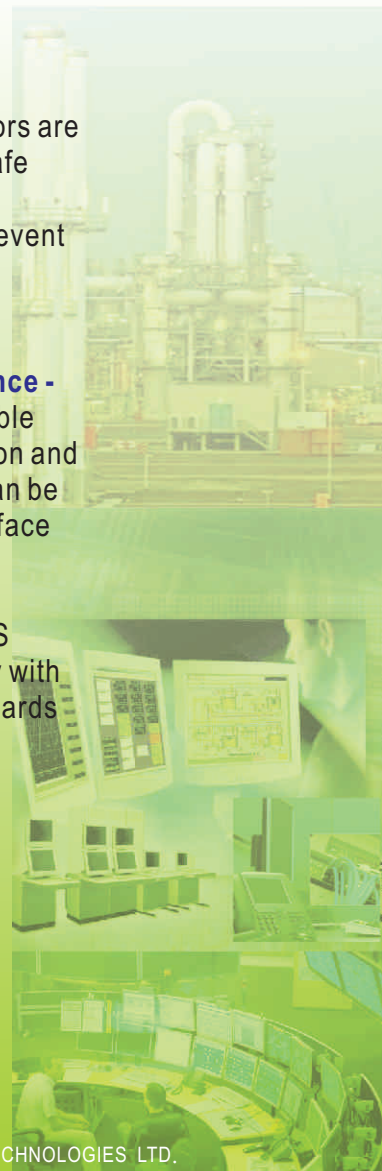
Waterproof design for harsh environment - LCP protectors features a weatherproof ABS enclosure with gasketed cover which makes it suitable

to be used in any harsh outdoor environment.

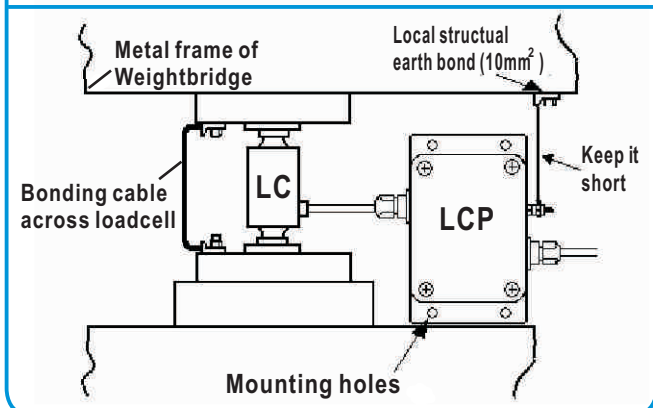
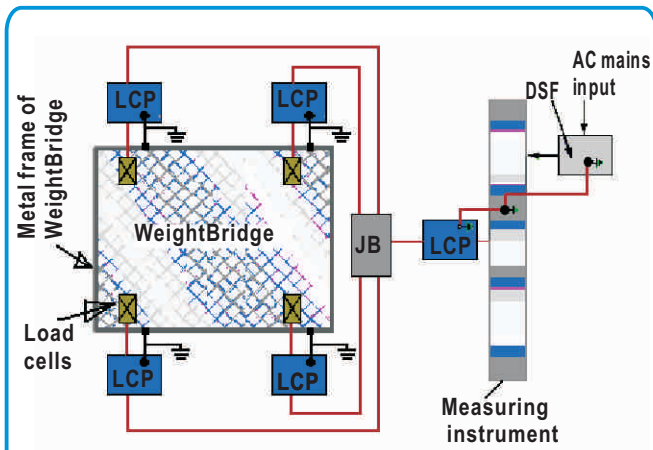
Failsafe design - LCP protectors are designed to convert into a failsafe mode in the rare case of a catastrophic surge or lightning event and disconnects the line from sensitive equipment.

Easy installation & maintenance - The wiring are done by a pluggable terminal strip for easy installation and maintenance. The protectors can be easily secured onto any flat surface by the external screw holes

Five years warranty - All LEPS protectors are tested to comply with many international safety standards and with five years warranty.

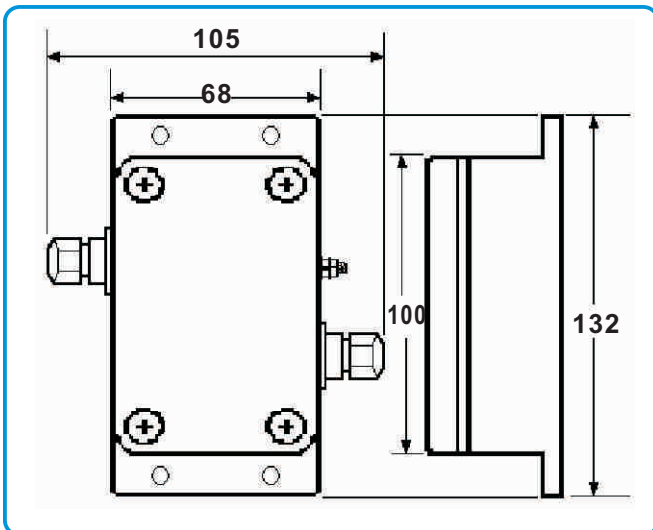


Installation



For detail installation requirements, pls refer to relevant user manual.

Dimensions




General Specifications

SPD class(EN/IEC):	TYPE 2/Class II
Max. working voltage, U_c:	
LCP-V12	17V
LCP-V24	34V
Max. operating current, I_L:	300mA
Protection modes:	common and transverse
Protection stages:	3 stages
Lines protected:	4 or 6 wires, plus screen and earth
Earth leakage current:	~0A
Response time, t_a:	<5ns
Max. discharge current, I_{max}:	20KA(8/20μs)-KDP10
Voltage protection level, U_p:	
LCP-V12	23V
LCP-V24	43V
Capacitance:	50pf
In line resistance:	3.9Ω
Standards compliance:	BS EN/IEC 61643-21 AS1768-2007 Cat.A.B.C ITU(CCITT)1X K17 CP33-1996 Cat.A.B.C UL497B
EMC compliance:	BS EN 50082-2: 1992
Connector type:	Pluggable terminal strip
Earth connection:	M5 Stud
Case material:	ABS
IP-rating:	IP66
Mounting:	external screw holes
Operating temperature, T_u:	-40-85°C
Humidity:	0-95%(R.H.)
Altitude:	0-3650m
Weight:	
LCP-ALL MODELS	220g

ORDERING INFORMATION



MODEL	PRODUCT DESCRIPTION	PHOTO/DRAWING
LCP-V12	4 wires or 6 wires, 17V, load cell and RTD protector	
LCP-V24	4 wires or 6 wires, 34V, load cell and RTD protector	



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