



LCP Load Cell Protector

The Novaris LCP provides protection for both 4-wire and 6-wire loadcells as well as the measuring instrument. The LCP is contained within an IP65 enclosure, or alternatively as a PCB only. Installation of the LCP is certified and does not affect weighbridge calibration.

LCP - 36 - PCB

Product Series

PCB Mount
U_c



		LCP-18	LCP-36	LCP-18-PCB	LCP-36-PCB
Electrical Specifications					
Connection type		Series			
Modes of protection		Transverse and common mode			
Maximum continuous voltage (DC)	U _c	18V	36V	18V	36V
Maximum discharge current (8/20µs)	I _{max}	250A			
Protection stages		SAD and GDT			
Maximum load current	I _L	6.5A		5A	
Lines protected		4 or 6			
Mechanical Specifications					
Operating temperature / humidity		-40 to +85°C / 0 to 90% non-condensing			
Terminal capacity		2.5mm ²			
Terminal screw torque		0.5Nm			
Ground connection		M5 s/s stud	100mm lead		
Environmental		IP 65	IP 00		
Mounting		Panel mount			
Enclosure / colour		Aluminium / blue		PCB only	
Weight		600g		80g	
Dimensions					
Width		116mm		76mm	
Height		65mm		63mm	
Depth		56mm		20mm	

Standards Compliance
IEC61643-21
ITU-T K.44
AS/NZS 1768
IEEE C62.41
BS 6651
CP 33
UL497B
NSC No: S366