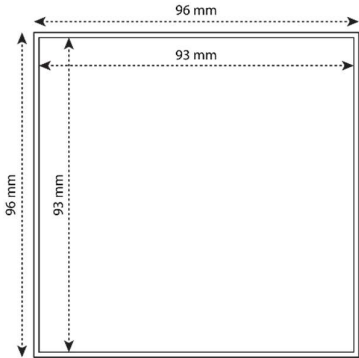
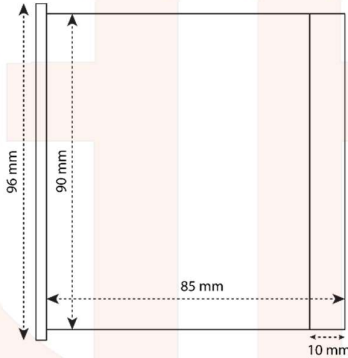




Description	Main Functions
- DLC-6 comes in DIN box suitable for panel mounting. 96x96 mm front panel measurement with 85 mm depth for compact housing for perfect panel mount application. 6 digit red 7 segment display of 0.56 inch size for better read out in an industrial environment. 6 signal led. 4 tactile keys for durable and long lasting performance. - Wide AC input voltage range available from 90 VAc to 250 VAc. DC input voltage range from 70 VDC to 310 VDC is also supported.	- Connections to : - PLC via analog output. - PLC & HMI via RS-485 Modbus Port. 8 load cells each 350 Ω in parallel at back terminal. - Remote Jumbo display for better view at long distance. - Display for max value or peak value or min value or valley value. - Process automation for filling and bagging application. - Quality control in production line using GO – NO GO algorithm for semi-automatic operation. - Feature of weight linearization up to 10 points available for better performance and accuracy. - Process automation in batching industry.
Inputs and Communication	
1 Load cell dedicated input. - RS-485 port with MODBUS RTU protocol for easy integration with field communication devices. - Max 3 Relay output for logic operations. - Each Relay with Max 250 VAc. and max 5 Amp. 1 Optically isolated input for external tarring operation. 16-bit current or voltage output. 1 RS-485 port for connecting extra satellite display with 6 digit - 4 inch 7 segment displays. - RJ-45 Ethernet port with MODBUS TCP/IP compatibility is available for communication over ethernet.	

Technical Features	
Power Supply	SMPS – 90 VAc to 250 VAc @ 50 Hz – 60 Hz DC – 24 Vdc (Optional)
Number of Load cells supported	Up to 8 load cells 350 Ω each can be directly connected or using summation box
	Supports 4 Wire and 6 Wire load cells
Linearity	< 0.09 % of full scale
Analog Output Linearity	< 0.09 % of full scale
A/D Converter	24-bit Delta Sigma Max 30 Hz
Divisions / Usable(max)	$\pm$ 500000 / 50000
Display Range	-99999 to 99999
Display	6 Digit Red 7 Segment displays. 0.56 inch Height
Indication Led	6 Indication led, 3mm dia
Measurement Range	$\pm$ 19.5 mV
Conversion Speed (Optional)	10 Hz (Max. 30 Hz)
Relay Outputs (Optional)	Max 3 output each can handle 250 Vac, 24 Vdc max 5 Amp.
Serial Ports	1 RS-485 Modbus RTU Port 1 RS-485 Port for remote display connection (Optional)
Analog Output (Optional)	Analog output port with below mentioned outputs 1. 0 to 5 Vdc 2. 0 to 10 Vdc 3. -5 to +5 Vdc 4. -10 to +10 Vdc 5. 4 to 20 mA 6. 0 to 20 mA 7. 0 to 24 mA Note: Only one output can be active at a time. User can switch to any desired output using inbuilt on screen menu option
Ethernet Output (Optional)	1 RJ-45 ethernet port available with MODBUS TCP/IP protocol
External Input	1 Opto isolated potential free contact input available for external tarring option

Dimensions	
 Front	 Side