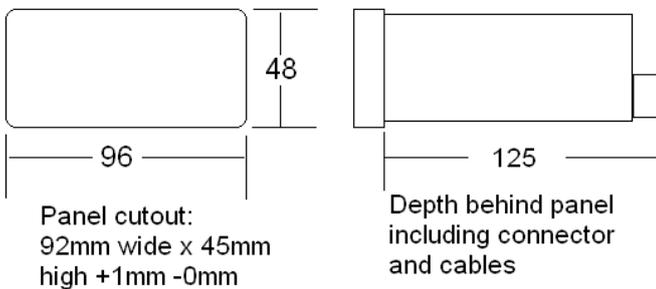


Lee-Dickens Ltd
Tel: 01536-760156

Function: IDL-DCI-3 is an economic, easy to use 1/8 DIN screwdriver scaleable (zero and span pots) panel mounting digital DC Current indicator with high efficiency 3½ digit red LED displays. It is designed for use in instrumentation systems with DC Current inputs. The indicators are either AC or DC powered and provided with screw terminals for all connections. The zero and span and decimal point are selectable by means of potentiometers and links. Optional functions include, alarm relays, analogue output, RS232 output, BCD output and green LEDs.

SPECIFICATIONS	OPTIONS	SUPPLY:	GENERAL:
<p>INPUTS: Link selectable</p> <p>0-2mA DC into 100ohms 0-20mA DC into 10 ohms 0-200mA DC into 1 ohms 0-2A DC 0.1 into ohms 0-5A DC 0.4 into ohms</p> <p>DISPLAYS: Display 3½ digit RED LED</p> <p>Digit Size 14.2mm 0.56"</p> <p>Calibration Potentiometer zero & span adjustment</p> <p>Decimal Point Link Selectable</p>	<p>Green LEDs</p> <p>Analogue Output 4-20mA into 0 to 500 Ohms 0-10V into loads >600 Ohms Not isolated from input, so only use if you have a current transformer to provide input isolation. Fully scalable with zero and span potentiometers. Can be combined with alarm outputs.</p> <p>2 x Settable SPCO Alarm Relays</p> <p>RS232 Output</p> <p>BCD Output</p> <p>Note: The RS232 and BCD outputs are not available if alarms or analogue output option are fitted.</p>	<p>Power Supply Voltage 95 to 265VAC - 50/60 Hz</p> <p>Optional Power Supplies 48 Volt AC or 24 Volt AC or 11 to 30 Volt DC</p> <p>Power Required 8VA Max</p>	<p>Accuracy 0.05% of reading</p> <p>Thermal Stability 50ppm of range/C zero and span</p> <p>Speed of Response Display = 2.5 per second</p> <p>Operating / Storage Temperature Range -20 to +50°C / -40 to +85°C</p> <p>Operating / Storage Humidity Range 90% RH max at 40C, non-condensing</p> <p>Mounting Panel mounting</p> <p>Protection Level Fascia Panel to IP54 std, IP67 with optional SPC4 Cover</p> <p>Weight 550 gms typically</p>

MECHANICAL DETAILS



TERMINATION DETAILS

Terminal	
1	Input Common -
2	
3	
4	Input Signal +
5	
6	
7	
8	230VAC or +ve DC
9	110VAC
10	Neutral or -ve DC
11	Earth
12	Analogue Output +4-20mA or +0-10V
13	Analogue Output -4-20mA
14	Analogue Output -10V
15	N/O
16	Common Trip 2
17	N/C
18	N/O
19	Common Trip 1
20	N/C

ORDERING DETAILS

- a) Give indicator type – IDL-DCI-3
- b) Display Colour, i.e. Red or Green
- c) Give details of power supply, i.e. 240 Volt AC
- d) Specify input type and range, i.e. 0 to 1.999mA
- e) Specify Options, i.e. Green Display, Analogue Output, RS232 Output, BCD Output, Alarm Relays.