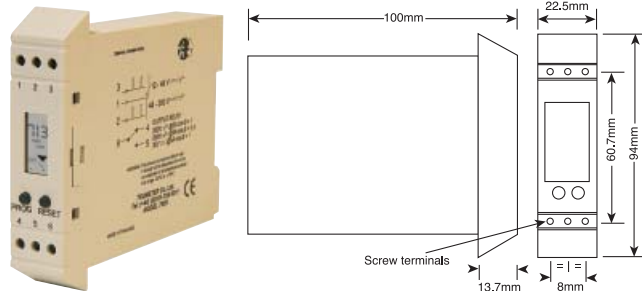


Time Relays Type 7955 and 7956



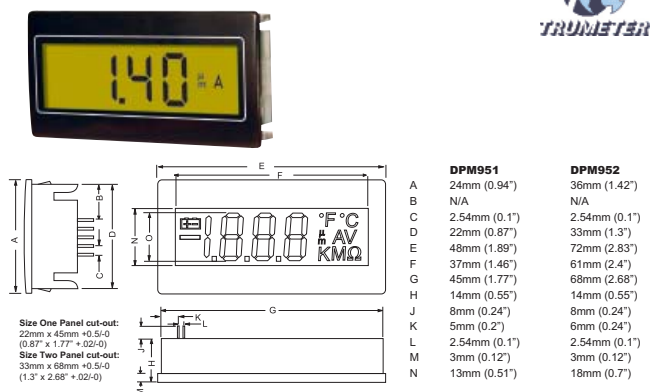
Digital LCD DIN-rail mountable multi-function time relay
This versatile time relay has a three digit black on silver LCD readout and two pushbuttons, Program (P) and Reset (R). The display carries a wide range of internationally understood annunciators to indicate all the modes, direction of timing and the status of the output at all times.

- Simple programming via menu driven display.
- 8 timing ranges from 0.2 second to 999 hours.
- 8 timing modes: ON DELay, OFF DELay, One Shot, Single Shot, Repeat Cycle DELay, Repeat Cycle, and Symmetrical repeats.
- 3 digit black on silver LCD display with Internationally understood annunciators for operating modes, time units, low battery, relay output state.
- Self powered with 10 year battery life or 106 operations.
- Opto-isolated inputs 12-260VAC or DC.
- Relay contacts rated at 8A, programmable to NO or NC.

Specifications	7955	7956
Display	3 digits, black on silver LCD height 6.5mm (0.26in).	
Time ranges	1 - 999, 0.2 - 99.9 secs. or 1 - 999, 0.1 - 99.9, 0.01 - 9.99 mins or 1 - 999, 0.1 - 99.9, 0.01 - 9.99 hrs	
Input signal	12-260 VAC/DC, min. pulse width 20ms	
Output	1SPDT, 8A relay, 220VAC or 30VDC 2000VA/150W	
Reset	front panel	
Power supply	2x3V lithium battery (battery life 10 years)	external + 3V lithium battery for backup
Front panel size	94x22,5mm	

Part No.	Ord.No.
S 7955	67360
S 7956	67361

Digital Panel Meters Type DPM 951-TG and DPM952-TG



3 1/2 digit LCD digital panel meter
Panel mount digital meter with a 200mV full scale input. Annunciators for common engineering units and suitable for operation with either 5VDC or 9VDC power. LCD modules with a full scale reading at 200mV. Operated from either 5VDC or 9VDC with a range of annunciators for common engineering units.

- Low power consumption
 - 10mm black character high contrast LCD display.
 - Backlit version DPM951-T
 - 24mm X 48mm bezel
 - 5 or 9VDC operation
 - 200mV full scale
 - Scaleable
- In 5V mode each module generates its own -5V supply which enables it to measure signals with the same common zero as the supply. Connections are brought out to enable the module to operate in various modes including single ended, ratio measurement and differential. Different modes are selected by linking PCB solder pads which are provided for the purpose.

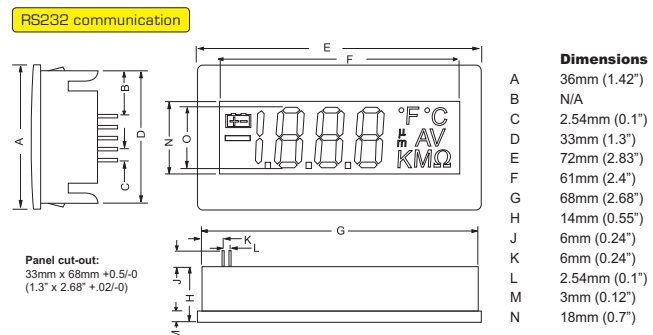
Typical application:

- indication of DC voltage or current in vehicles, boats etc.
- indication of industrial process parameters such as temperature, humidity, speed etc.

Specifications	DPM951-TG	DPM952-TG
Display	3 1/2 digit LCD backlight	
Characters size	10mm	14mm
Supply voltage	5V (Min 3V max 7V) 9V (min 7V max 12V)	
Supply current	2mA	
Sample rate	3/s	
Backlight	80mA	160mA
Accuracy	0,1%±1	
Operating temperature	-10°C to + 50°C	

Part No.	Ord.No.
S DPM951-TG	67362
S DPM952-TG	67363

Type DPM 812-TG and DPM822-TG



3 3/4 digit panel meter with a 40 segment bargraph indication
The unit has a fully auto ranging DCV input to 300VDC and a selectable 4 scale DC ammeter upto 10ADC. Sirius range digital panel meter with DCV and DCA input ranges and a wide range of backlight options. Powered by 5VDC to 18VDC and annunciators for units of display which include min max and hold functions. RS232 communications is standard allowing data from the units to be downloaded onto a computer.

- DC Powered 5V-18VDC.
- Green (-TG) LCD Backlight.
- Reverse Polarised versions -RPG (Green) and -RPR (Red)
- 4 digit display and bargraph display.
- Full auto ranging AC voltmeter and semi auto ranging AC ammeter.
- Min and Max values can be displayed.
- Reading DCV, DCI, ACV & ACI, accuracy +/- 2%. 3 decimal places.
- The module will satisfy two requirements
 - DPM812 DC Volts and Current
 - DPM822 AC Volts and Current
 (all units with RS232 output).
- Measurement by 3 way 5mm pitch screw terminal.
Max voltage input 300V AC or DC.
- Designed for 9V battery powered operation.

Specifications	DPM812-TG	DPM822-TG
Display	3 3/4 digit LCD backlight	
Characters size	11mm	
Supply voltage	9V (min. 5V, max. 18VDC)	
Input voltage	1mV up to 300V DC	1mV up to 300V AC
Supply current	2mA	
Auto range scales	400.0mV, 4.000V, 40.00V, 300.0V.	
Current selectable ranges	1uA-4000uA, 0.1mA-400.0mA & 0.1A-10.00A.	
Sample rate	3/s	
Backlight	40mA	
Accuracy	2%±3	
Operating temperature	0°C to + 50°C	

Part No.	Ord.No.
S DPM812-TG	67364
S DPM822-TG	67365