

## Instrument Power Supply DIN700

**Function:** General purpose 24 Volt DC instrument power supply unit. The DIN700 will isolate and convert 110 Volts AC or 240 Volts AC 50/60Hz to 24 Volts DC for use with loop powered transmitters or 24 Volt DC powered instruments. For example the DIN 700 can be used to supply up to six units from the AlphaMINI range of Signal Conditioning Equipment and Trip Amplifiers or any of the Flow, Level, Pressure, Temperature or Relative Humidity transmitters located elsewhere in this catalogue.

### SPECIFICATIONS

#### INPUTS:

##### Input Power Supply

100 to 120 Volts AC 50/60 Hz  
or  
200 to 250 Volts AC 50/60 Hz

##### Power Required

18 Watts approx

##### Input Power Fuse

240 Volt AC Powered - Fuse 160mA  
120 Volt AC Powered - Fuse 250mA

#### OUTPUT:

##### Output Power Supply

24 Volts DC nominal at 500mA

##### Output Power Fuse

630mA

##### Pilot Light

Red LED indicating output power  
available

#### GENERAL:

##### Operating Temperature Range

0 to +50°C

##### Storage Temperature Range

-20 to +60°C

##### Operating Humidity Range

0 to 95% RH non-condensing

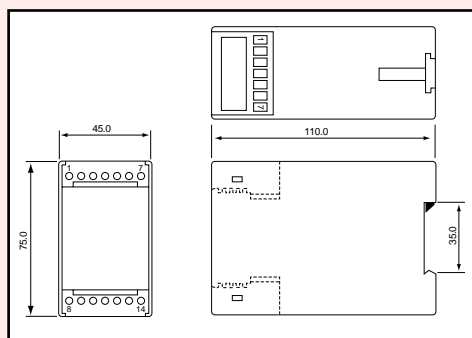
##### Storage Humidity Range

0 to 95% RH non-condensing

##### Weight

525 gms

### MECHANICAL DETAILS



### TERMINATION DETAILS

#### Terminal

1	Neutral	} Input Power Supply
2	Live	
3	Earth	
4	} Unused	
5		
6		
7		

#### Terminal

8	24 Volt DC -ve	} Unused
9	24 Volt DC +ve	
10		
11		
12		
13		
14		

### ORDERING DETAILS

- Give identification code, i.e. DIN700
- Give input power supply details – either 110 Volts or 240 Volts AC