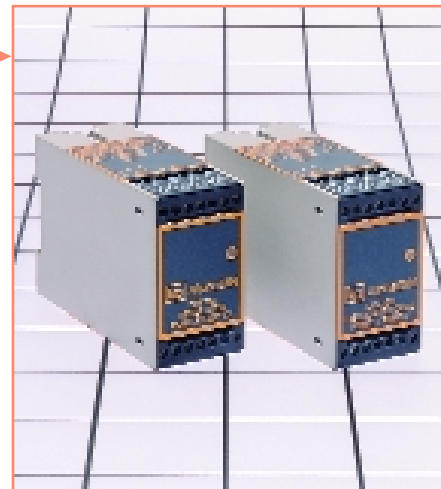


# Stabilised Instrument Power Supplies DIN710 DIN720

- DIN 710 – Single output stabilised instrument power supply  
DIN 720 – Dual output stabilised instrument power supply

Function: Stabilised variable transducer power supplies with either one or two isolated outputs. Each output can be user adjusted by means of a potentiometer located in the fascia of the instrument. The range of variation is between 5 Volt DC and 24 Volt DC.



AlphaDIN  
CONVERTERS

## SPECIFICATIONS

### OUTPUTS:

#### DC Voltage

DIN710  
1 x 5 to 24 Volt DC  
potentiometer variable

DIN720  
2 x 5 to 24 Volt DC  
potentiometer variable

#### DC Current

DIN710  
Maximum current 50mA

DIN720  
Maximum current per output 25mA

### COMMON TO BOTH DIN710 & DIN720

#### Load Regulation

0.2% maximum (zero to full load)

#### Line Regulation

Typically 0.05% change in output  
for an input change of 100 to 130  
Volt or 200 to 250 Volt 50/60 Hz

### SUPPLY:

#### Power Supplies

User selectable  
115 Volt AC  $\pm 15\%$  50/60 Hz  
230 Volt AC  $\pm 15\%$  50/60 Hz

#### Power Required

3VA Maximum

#### Pilot Light

Red LED indicates Power ON

### GENERAL:

#### Temperature Coefficient

$\pm 0.1\%$  of output/  $\Delta 10^\circ\text{C}$

#### Operating Temperature Range

0 to  $+50^\circ\text{C}$

#### Storage Temperature Range

$-20$  to  $+60^\circ\text{C}$

#### Operating Humidity Range

0 to 95% RH non-condensing

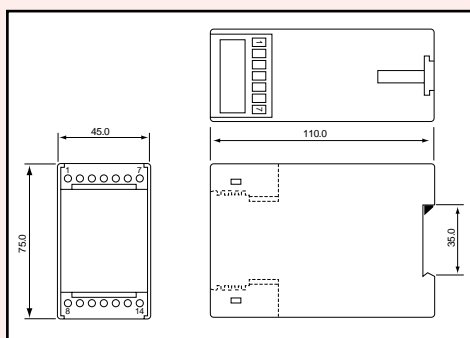
#### Storage Humidity Range

0 to 95% RH non-condensing

#### Weight

DIN710	535 gms
DIN720	545 gms

## MECHANICAL DETAILS



## TERMINATION DETAILS

### Terminal

1	Output 1 -ve	}	DIN710 & DIN720
2	Output 1 +ve		
3	EMC Screen	}	DIN720 Only
4	Unused		
5	Output 2 -ve	}	DIN720 Only
6	Output 2 +ve		
7	EMC Screen		

### Terminal

8	Unused
9	Unused
10	Unused
11	Unused
12	230 Volt $\pm 15\%$ 50/60 Hz
13	115 Volt $\pm 15\%$ 50/60 Hz
14	Neutral

## ORDERING DETAILS

- a) Give identification code, i.e. DIN720



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