



HYS4

0-10 Volt Signal Multiplier

Features

- Power Supply can be 24VAC or DC
- 0-10vdc Signal Booster :1 in 4 out.
- Mounts In Most M.C.B Din Rail Enclosures
- Inputs & Outputs Diode Clamp Protected
- Inputs & Outputs Current limited (series resistor)

Use

The **HYS4** is intended for use as an auxillary expansion module.

One 0-10vdc **Signal Booster** input (X1) useful for when the load on a signal exceeds its output power capabilities ..example : several VSD's or damper motors driven from one 0-10v signal. 4 parrallel outputs (Y1-Y4) are available (from the common X1 input) each capable of driving loads of 1 mA at 10vDC (>10k ohm load) each.



Made in Australia
100% Australian Owned Company

Technical Data

General Specifications

Operating Voltage 24 Volts AC or 240 Volts AC

Power Consumption

At 24vAC 2.5 VA

At 24vDC 100 mA

Input Terminals

Signal Input Voltage's 0-10 Volts DC

inputs signal load 0.3ma

Analogue outputs

ouput signals 0-10 Volts DC

output load ea. 1 mA@ 10vDC

Environmental Conditions

Operation

Ambient Temperature 0...45oC

Humidity < 85 % RH (Non Condensing)

Storage and Transport

Ambient Temperature -5...65oC

Humidity < 90 % RH (Non Condensing)

Weight

Including Packaging 200 grams

Housing

Colour Grey

Material ABS POLYCARB

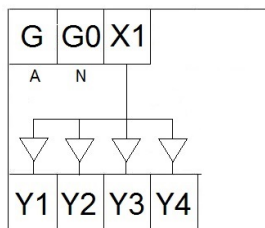
UV Stabilised YES

Fire Retardant YES

Size L105mm x W105mm x D60mm

Mounting Method 35mm Din Rail Mountable

Terminal Designations



- G 24 Volt Supply Active
- G0 24 Volt Supply Neutral / Ground Reference
- X1 Signal Booster Input
- Y1 Booster Output 1
- Y2 Booster Output 2
- Y3 Booster Output 3
- Y4 Booster Output 4

