

MOD5DINT Five Input Digital Integrator

Description

The MOD 5 DINT Module is intended for use with Direct Digital Controllers to expand their Digital Input capacity by multiplexing 5 Digital Inputs into 1 Digital Signal.

The MOD 5 DINT Module is constructed on a Epoxy Glass Laminate and housed in an industry standard 80mm DIN Rail Mounting. Generous 2.5mm² terminals are provided for the field interconnections.

The MOD 5 DIXNT Module is CE rated and is RoHS compliant.



Applications

Applications include the monitoring of plant status signals.

To monitor any true Volt Free Contact run, trip overload and status type digital signals.

To provide a Local LED indication to identify and give Status of each Digital Input.

To provide isolation of the controller from the Harsh Plant Environment, protecting the Controller.

The MOD5DINT is also available with 24V AC/DC inputs.

Features

Expands the controllers Input capacity.

Design for DIN rail mounting.

LED status indication.

Rising cage Terminals.

Voltage input version available, 24V AC or DC.

Flame retardant Polyamide DIN mounting.



Specifications

Input Signal:	5 x Volt free Contact to switch 24V DC @ 15mA. 5 x 24V AC or DC galvanically isolated is available on request.
Output Rating:	Volt Free Contact 1A 230V AC Resistive
Power Supply:	24V DC @ 50mA 24V AC @ 2VA (+/-15%)
LED Indication:	ON when relay energised.
Electrical connections:	Rising cage terminals for 0,5 to 2,5mm ² cable.
Ambient Conditions:	-10 to 50°C 0 to 80% RH non-condensing.
Dimensions:	80 x 79 x 40mm.
Weight	98g
I.P. Rating:	IP00.
Mounting	Flame retardant green Polyamide 66 UL 94V0 moulding. To suit 35mm top hat din rail.