

CURRENT RELAY

DX-215I and DX-215V



PRECISION CONTROL

Overview

The ASHE DX-215 is part of a range of configurable Blind Controllers, offered in a highly compact, rugged and reliable execution. The instrument is available in two options, namely, Current Relay and Voltage Relay. The instruments operate as conventional on-off controllers with preset or manual set alarm and trip set-points. There is no digital display available.

The instruments accept either AC/DC Current or AC/DC Voltage and provide upto two Relay changeover contacts. The Indicator is available in several dimensions in panel-mount execution and operates on AC or DC power supply, as required. Timing operations can be added to the control action. Set-points may be set by Trimmer-potentiometers or Dial potentiometers on the front panel.

The instruments offer single/dual Relays for control action and are available in DIN Rail execution. Options include multiple Relay outputs, analog retransmission signal, Panel mount, Weather-proof / flame-proof executions, etc.

The Ashe DX-215 range of Blind Controllers offer a high degree of reliability owing to their inherent accuracy in process control, besides other characteristics like total immunity to shocks, dust, ambient temperatures, humidity and corrosive atmospheres. Further, the instruments are manufactured using selected high-grade components which guarantee their functional reliability and long operational life.

All ASHE range of instruments carry a lifetime warranty for design and workmanship.

Specifications

Model	ASHE DX-215I (Current Relay) ASHE DX-215V (Voltage Relay)
Type	Analog process monitoring and control with single/dual Relays.
Input Signals / Sensors	4 to 20 mA DC, AC/DC Voltage, AC/DC Current, Resistance, Strain-gauge, Frequency, Proximity Switches and all temperature sensors like RTD Pt-100, Thermocouples type J,K,R,S,T,E,B, etc.
Response time	< 200 mS
Linearity	0.1% of span.
Calibration facility	By Potentiometers on front panel.
Control output	Single / Dual relay changeover contacts.
Contact Rating	10 Ampere @ 230 VAC (resistive loads).
Control Logic	High-Low (Configurable).
Alarm indication	By LEDs on front panel.
Retransmission	4 to 20 mA DC [optional].
Load driving capacity	600 Ohms
Dimensions	75 x 55 x 110 mm [HxWxD].
Power Supply	110 V AC or 230 V AC, 50 hz. [Optionally 24 V DC].
Execution	DIN Rail mounting.
Enclosure	Industrial grade ABS.
Weight	Approximately 0.5 Kgs.
Operating Temperature	0 to 50 °C.

Features

- Low cost, high functionality
- Standard analog signals and Sensors.
- Low Input impedance – negligible load on loop.
- High accuracy control action
- Single / Dual Relay change-over contacts
- Very low power consumption and heat dissipation
- Easily configurable
- Retransmission option.
- External transmitter powering option
- On-Off control action
- Rugged, industrial grade ABS enclosure
- High Noise immunity.
- Panel / Field / Hazardous-area installation in IP65 execution
- Proven record of several thousand installations
- Lifetime warranty on design and workmanship

ASHE CONTROLS PRIVATE LIMITED

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