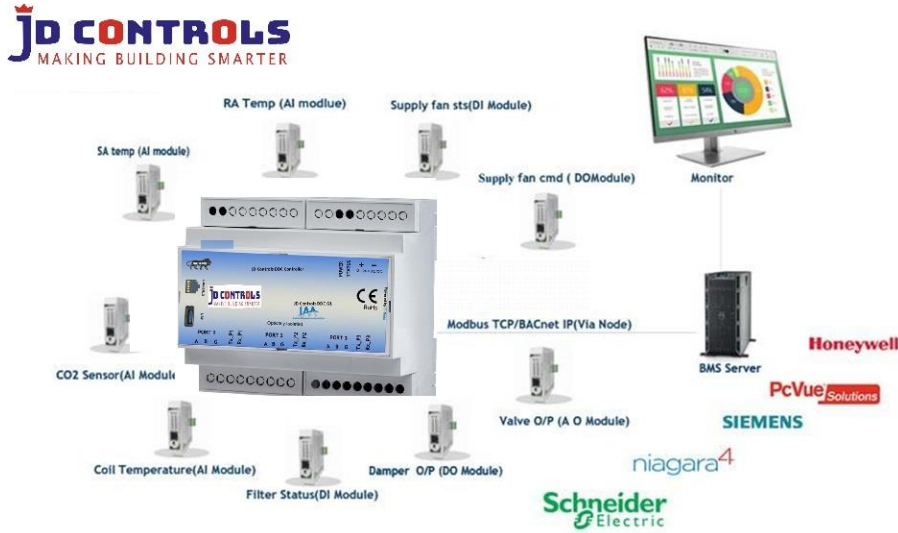


JD CONTROLS -DDC-G1

Flexible and easy configuration with Free JD ControlsEditor Tool

- Supports 3x RS 485 Modbus Channel Connect Upto 60 Modbus Devices/IO Modules
- Supports Multiple Modbus IP Channel
- Fully integrated with Modbus IP Supported Front End Software
- Supports to connect Modbus Wired and Wireless devices/IO Modules





Freely Programmable Modbus Controller

JD ControlsDDC-G1 is Freely Programmable Modbus Controller

HVAC Applications

JD ControlsDDC-G1 is ideal for Complex HVAC Applications. Supports Complex HVAC Algorithms, Scheduling, data sharing between Controllers and Energy management functions.

Programming and Configuration

JD ControlsDDC-G1 is programmed using JD ControlsEditor(IEC 61131-3) which allows user to create Functional Block Control strategies, Switching Logic, Schedules and helps to commission and monitor the controller parameters

Easy installation

JD ControlsDDC-G1 has built in Modbus router which eliminates the need for additional Modbus router for the System.

Peer to Peer communication

JD ControlsDDC-G1 supports Peer to Peer communication.



Electrical Data JD

ControlsDDC-G1

Operating Voltage: 230V VAC \pm 20%, 50/60 Hz, 20 VA

1 "power" LED Power Consumption: Max. 20 VA,

JD Controls IO is separately powered and not included. Housing
Material: ABS Plastic

Mounting: DIN rail

Certifications:

High impact Polycarbonate/ABS UL94-V0, grey CE
RoHS2 - 2011-65/EU IAA

Real-Time Clock

Hardware Interfaces

Ethernet : 1Gbps

RJ45 :1 LED "link", 1 LED "activity"

2 X RS485 Port

To connect upto 30 expansion IO modules on Each Port

Dimension: 10.6cm x 9.0cm x 5.6 cm (L x W x H)



Description	Technical Specification
Processor	Broadcom BCM2711, Quad core Cortex-A72 (ARM v8) 64-bit SoC @ 1.5GHz
Architecture	ARM Cortex-Ax
Clock frequency	1.5 GHz
Memory	2GB/4GB RAM 32 SD CARD
Ethernet	1Gbps Ethernet or Wireless 2.4 Ghz
RS485	3 x RS485
USB	2x 3.0 USB, 2x 2.0 USB
Power Supply	24V AC/DC