

# DVS-G408W01 Series

## IEEE 802.3af/at PoE Unmanaged Industrial 8-Port GbE Ethernet Switches



- ▶ 8 10/100/1000Base-T PoE(PSE) ports
- ▶ Based on IEEE 802.3at standard up to 30Watts per port. Backward compatible with IEEE 802.3af
- ▶ Jumbo frame size up to 9,216 Bytes
- ▶ 48 to 57V<sub>DC</sub> redundant terminal block power input
- ▶ Auto warning by relay output for power failure
- ▶ Compatible with various industrial protocols of EtherNet/IP, Profinet, EtherCAT, CC-LINK IE and DNP 3.0

## Specifications

### TECHNOLOGY

#### Standard Compliance

- IEEE 802.3 10Base-T
- IEEE 802.3u 100Base-T(X)
- IEEE 802.3z 1000Base-X
- IEEE 802.3x Flow Control
- IEEE 802.3af PoE 15.4 Watts
- IEEE 802.3at PoE 30 Watt

#### Processing Type

- Store and Forward
- IEEE 802.3x Flow control in full duplex, back-pressure flow control in half duplex

### INTERFACE

#### Gigabit Ethernet

##### RJ45 Ports:

- 10/100/1000Base-T, auto MDI/MDI-X, auto negotiation

#### LEDs

##### Per Device:

- PWR1, PWR2, ALARM

##### Per Port:

- PoE, 10/100/1000M, LINK/ACT

#### DIP Switches

- Power failure alarm

#### Alarm Contacts (DO)

- 1 relay output
- Carry current 1A@24V<sub>DC</sub>

### PERFORMANCE AND SCALABILITY

#### Switching Capacity

- 16Gbps, wire-speed, non-blocking switching fabric

#### Forwarding Rate

- 11.9Mpps

#### MAC Address Table

- 2K

#### Packet Buffer Memory

- 1.5M bits

#### Jumbo Frame

- 9,216 Bytes

## POWER REQUIREMENTS

### Input Voltage

- 2 sets, 48 to 57 V<sub>DC</sub> redundant terminal block input

### Input Current

- 5A max. (with power device)

### Overload Current Protection

- Present, max. input current 10A

### Reverse Polarity Protection

- NOT Present

## PHYSICAL

### Housing

- IP30 metal case

### Dimensions

- 144.3 mm (H) x 26.1 mm (W) x 94.9 mm (D)

### Weight

- 390g

### Installation

- Industrial DIN-Rail and wall mounting

## ENVIRONMENTAL LIMITS

### Operating Temperature

- -40°C to 70°C (14°F to 158°F)

### Storage Temperature

- -40°C to 85°C (-40°F to 185°F)

### Ambient Relative Humidity

- 5% to 95% (non-condensing)

## APPROVALS

### Safety

- EN 60950-1

### EMI

- FCC 47 CFR Part 15 Subpart B Class A, EN 55022 (CISPR22)

### EMS

- IEC 61000-4-2 level 3, EN 61000-4-3 level 3, IEC 61000-4-4 level 3, IEC 61000-4-5 level 3, IEC 61000-4-6 level 3

## Ordering Information

Product		Port Combination		Interface		
Model Name	Operating Temperature	af/at PoE, 10/100/1000Base-T	100/ 1000Base-SFP	DI	DO (Relay)	Power Input
DVS-G408W01	-40°C to 70°C	8	---	--	1	2

### Optional Products

CliQII/PMC Series: 48 V<sub>DC</sub> Industrial Power Supplies