DVS-005I00C Series

Unmanaged Industrial 5-Port FE Ethernet Switches

UL61010   -10~60°C   EMC   FANLESS

- Compact size saves space in tiny areas and makes installation easy and fast
- Transparent transmission of VLAN tagged packets
- 12 to 24 V_{DC} power input
- -10℃ to 60℃ wide operating temperature
- IP40 Protection

Specifications

TECHNOLOGY

Standard Compliance
- IEEE 802.3 10Base-T
- IEEE 802.3u 100Base-T(X)

- IEEE 802.3x Flow Control

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

INTERFACE

Fast Ethernet
RJ45 Ports:
- 10/100Base-T(X), auto MDI/MDI-X, auto negotiation

LEDs
Per Device:
- PWR
Per Port:
- 10 M / 100 M

PERFORMANCE AND SCALABILITY

Switching Capability
- 1 Gbps, wire-speed, nonblocking switching fabric

Forwarding Rate
- 0.74 Mbps

MAC Address Table
- 1K

Packet Buffer Memory
- 448K bits

Transparent Forwarding VLAN Tagged Packets
- Default enabled

POWER REQUIREMENTS

Input Voltage
- 12~24 V_{DC}

Input Current
- 0.084 A

Overload Current Protection
- Present, max. input current 3A

Reverse Polarity Protection
- Present

PHYSICAL

Housing
- IP40 plastic case

Dimensions
- 109.1 mm (H) x 38 mm (W) x 88.3 mm (D)

Weight
- 125.5 g

Installation
- Industrial DIN-Rail mounting

ENVIRONMENTAL LIMITS

Operating Temperature
- -10°C ~ 60°C (14 °F ~ 140 °F)

Storage Temperature
- -40°C ~ 85°C (-40 °F ~ 185 °F)

Ambient Relative Humidity
- 5% ~ 95% (non-condensing)

APPROVALS

Safety
- UL 61010, BSMI

EMI
- EN 55032, EN 61000-6-4, CISPR 32, FCC Part 15B Class A, KC,RCM, BSMI

EMS
- EN 55035, EN 61000-6-2, KC, RCM, IEC 61000-4-2 ESD, IEC 61000-4-3 RS, IEC 61000-4-4 EFT, IEC 61000-4-5 Surge, IEC 61000-4-6 CS, IEC 61000-4-8 PFMF

Environmental Type Tests
Shock:
- IEC 60068-2-27
Freefall:
- ISTA 1A
Vibration:
- IEC 60068-2-6

Ordering Information

Product		Port Combination	Interface
Model Name	Operating Temperature	10/100Base-T(X)	Power Input
DVS-005I00C	-10°C ~ 60°C	5	1

Δ NELTA