



8 PORTS UNMANAGED INDUSTRIAL ETHERNET SWITCHES

DDS SERIES



- IT SUPPORTS UP TO 4 NO'S 100F(X) FIBER PORTS AND UP TO 8 NO'S 10/100 RJ-45 PORTS
- SUPPORTS FULL-DUPLEX OR HALF-DUPLEX, AUTO NEGOTIATION
- AUTO 10/100MBPS
- SUPPORTS CROSSING-IDENTIFICATION
- BUILT-IN STORE-AND-FORWARD, 2K BUFFER
- MTBF>500,000 HOURS
- SC CONNECTOR (WITH OPTIONAL ST/FC)
- POWER FAIL RELAY OUTPUT ALARM FUNCTION
- THIS SWITCH IS LOW POWER CONSUMPTION; THE FANLESS DESIGN PREVENTS IT FROM NOISE INTERFERENCE

TECHNICAL SPECIFICATIONS

Standard	Protocol	IEEE802.3,	
		IEEE802.3u,	
		IEEE802.3x	
Switching Performance	Forwarding rate	148,810 pps	
	Transmission mode	Store-and-forward	
	MAC Address buffer	8K	
	Switching bandwidth	1.6G	
Ports	Copper Port	10/100Base-T(X) Auto MDI/MDI-X	
	Fiber Port	100Base-F(X) (SC/FC/ST)	
Transmission distance	Cat.5e	100m	
	Single mode	1,310nm (20/40/60Km)	
		1,550nm(20/40/60/80/100/120Km)	
	Multi-mode	1,310nm (2Km)	
Mechanical Characteristics	IP Rating	IP40	
	Installation	DIN-Rail/ Wall-mounted	
Power	12V/24V/48V DC (10.8 to 52.8VDC) OR		
	110/220VAC (88~264VAC) 50-60Hz or		
	110V/220VDC (88~264VAC)		
	Dual Input		
	Power Consumption	Full load	: <10W
Relay	1A@24V DC		

Physical Characteristics

Dimension

47.6*100*150mm

Net Weight

820g

Environment

Working Temperature

-40 to 85°C

Storage Temperature

-40 to 85°C

Relative Humidity

5% to 95% (no condensation)

STANDARDS AND CERTIFICATIONS TESTED FOR

EMI

FCC Part 15, CISPR (EN55022) class A

EMS

IEC (EN) 61000-4-3(RS)
IEC (EN) 61000-4-4(EFT)
IEC (EN) 61000-4-5(Surge)
IEC (EN) 61000-4-6(CS)
IEC 60068-2-27(Shock)
IEC 60068-2-32(Freefall)

ORDERING INFORMATION

DDS 10X-*F XXXX ZZ Y

MODEL CODE	10/100Base T Ports	100Base FX Ports
DDS 104-4F XXXX ZZ Y	4	4
DDS 106-2F XXXX ZZ Y	6	2
DDS 107-1F XXXX ZZ Y	7	1

XXXX

Fiber Type

S020: Single Mode 20Km
S040: Single Mode 40Km
S080: Single Mode 80Km
S100: Single Mode 100Km
MM: Multimode

ZZ

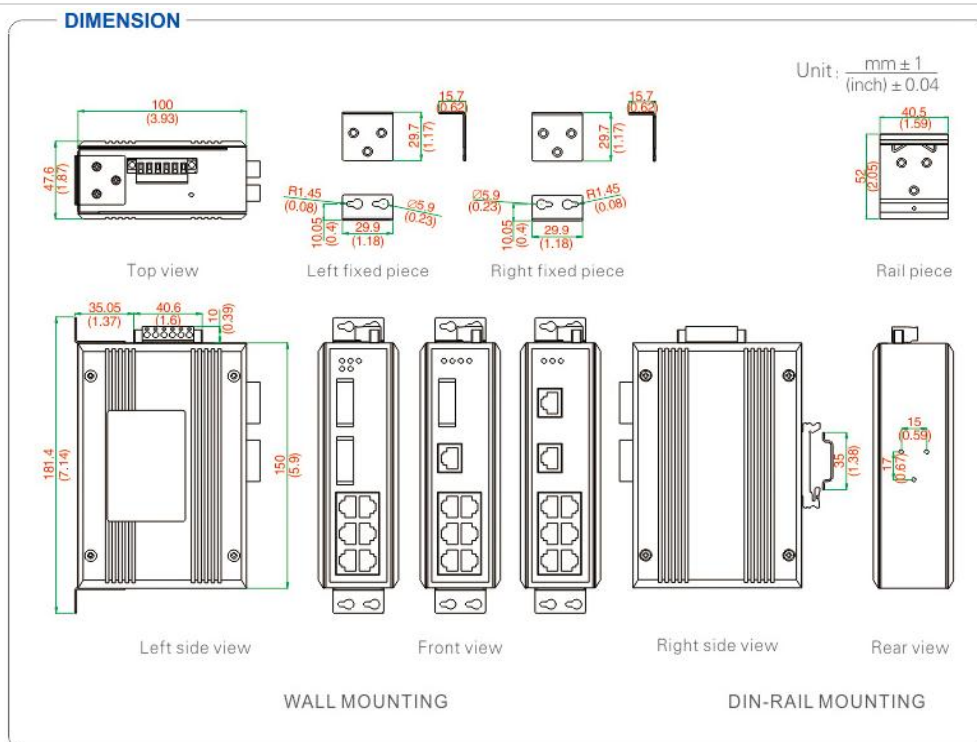
Fiber Connector

SC for SC Connector, ST for ST Connector, FC for FC Connector

Y

fixed

DIMENSION



DATA BRIDGE
D Y N A M I C