NETWORK EQUIPMENT

Ethernet Switches DIN-Rail Mount Switches

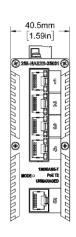


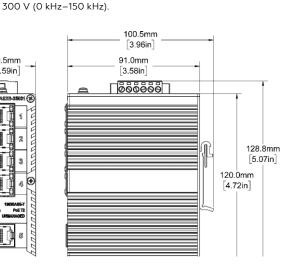
CHARACTERISTICS

IANACTENISTICS						
	4 × 10/100/1000 Mb/s TF	•			NAME OF TAXABLE PARTY.	
Configuration:	1 × 10/100/1000 Mb/s TP uplink port; unmanaged;			258-NAS2B-350	101(8)	•
Comiguration.	PoE Type 2;					
	redundant power input.				1 2	
	IEEE 802.3i (10BASE-T);	V/V				
Supported protocols:	IEEE 802.3u (100BASE-TX); IEEE 802.3ab (1000BASE-T);				200	
	IEEE 802.3x.				3	
PHY transmission media:	10BASE-T: TP, catego 100BASE-TX: TP, catego 1000BASE-T: TP, catego	•	•	4 🕀	•	
Performance:	_	Gb/s:	et maxj.	1000BAS	Est	•
	packet forwarding rate: 10.5 Mp/s;			MODE POE UNMANAG	T2 ED	
	packet buffer memory: 1.2	,				
	MAC address table: 2 frame size: 9	kB max;				
	_	ıto;		contro	ols	Φ.
		ito-MDI/MDI-X;	//-		(4)	
		alf-duplex: "back pres ll-duplex: "pause fra				
		00000 h (34 yr) min.	,			
	ruggedized aluminum alle					
Construction:	integral metal DIN-rail cl protection class: IP40.	ip;			PWR 1	PWR 2 INPUT: PoE:
Mounting:	35-mm DIN rail (see User	Manual).				
Operating mode display:	multicolor LEDs (see Use	r Manual).				+ -
Mechanical:	impact: IEC 60068-2-2					
	free fall: IEC 60068-2-3 vibration: IEC 60068-2-6	•				
	operating temperature:		85°F)·			
Environmental:	storage temperature: -4	•				
		6–95 % non-condensin				
	multimedia equipment electrostatic discharge	EN 55032: IEC 61000-4-2:	Class A; contact:	±8 kV;		
EMC:	electrostatic discharge	ILC 01000-4-2.	air:	±12 kV.		
	radio-frequency EMF			Hz-1000 MH	z);	
	electrical fast transient	power soc data ports	ket: ±4 kV; :: ±2 kV;			
	disruptive surge	IEC 61000-4-5:	•	ket: ±2 kV DM;		
				±4 kV CM;		
	conducted disturbances,	RF IEC 61000-4-6:	data ports	:: ±2 kV; 3 V (10 kHz-	·150 kHz):	
		12001000 1 0.		10 V (150 kH		
	conducted CM disturband	ces, RF		-4-16: continuou		lz−150 kHz);
	nower input: 12 Vo	c-52 V _{DC} ;	peak, 1 s:	300 V (0 kH	z-150 kmz).	
		v terminal (Phoenix				100.5mm
Electrical:	Contact);				-	[3.96in]
	conductor size: 1.8-m power consumption: 5 W	nm (13-AWG) max; max (non-PoE mode):	-	40.5mm	_	91.0mm
	redundancy: two-	source;		[1.59in]	_	[3.58in]
		se voltage protection;	nol @	255-HAEZB-25001 (%)	A	0000000
	grounding: integ technologies supported:	ral M3 grounding termi IFFF802 3af (Type 1):	nai.			
Electrical, PoE:	IE	EE802.3at (Type 2);	100			
	PoE ports: 1–		0.01	2 9		
		3 V _{DC} -57 V _{DC;} ito;	; ; ;	3 3		
	output power: IE	EE 802.3af: 15.4 W max	;			
		EE 802.3at: 30.0 W ma	x;			
		/: p1 p2 √: p3		1MODAGST MODE: POE'12		
	p6	•		UMBANAGED		
Physical:		nd-span. mm (1.6 in) [2.25 DU];		1 8 7 7 7 7 8 1 1 1 1 1 1 1 1 1 1		
	depth: 91 mn	n (3.6 in);		and and		
	height: 120 m weight: net: 0.55 k	ım (4.7 in). kg (1.21 lb);				
	packed: 0.65 k					
Code compliance:	FCC CFR47 Part 15; Directive 2011/65/EU (RoHS2	2)				
Warranty:	lifetime, limited.	- J.				
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258-NAS2B-35001 USER MANUAL

Installation precautions

In order to avoid damage to equipment and personal injury caused by improper use, please follow the following precautions:

In order to avoid damage caused by falling equipment, secure it properly in the intended mounting position.

When supplying power, ensure the power supply characteristics match the operating voltage range of the equipment.

When connecting power leads, pay attention to the polarity of the power input terminal contacts.

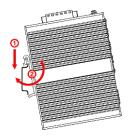
In order to reduce the risk of electric shock, ensure the equipment is properly grounded.

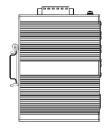
Never open/disassemble the equipment housing in the field conditions.

When selecting mounting area for the equipment, avoid environments with high levels of dust.

When selecting mounting area for the equipment, avoid environments with electromagnetic fields with strength higher than 10 V/m.

Mounting on a DIN rail





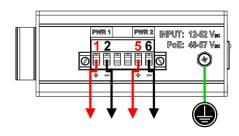
Verify that the intended for mounting DIN rail is the 35-mm standard. Hook the DIN-rail clip on the top edge of the DIN rail 0.

Pulling the unit down slightly turn it as shown in the diagram until it snaps on the DIN rail 2.

Correct operating position of the unit and its clip relative to the DIN rail

In order to remove the unit from the DIN rail, follow the reversed procedure - pull the unit down, pull the unit's bottom part off the rail, then unhook the clip from the upper edge of the rail by moving the unit upward.

Powering and grounding



Connect an appropriate equipment bonding/grounding conductor to the grounding terminal denoted by the standard symbol 😓

Verify that the power source voltage is within the range specified for the unit (12 V_{DC} -52 V_{DC}).

For power redundancy two power sources can be connected as shown in the diagram.

Connect power source leads to the corresponding terminal contacts as shown in the diagram.

Network connection

Suitable equipment cables with minimum transmission performance characteristics for network connection should be four-pair category 3 twisted-pair for 10BASE-T and four-pair category 5 twisted-pair for 100BASE-T and 1000BASE-T, screened or unscreened, straight or

Equipment cables used for making network connections shall be terminated with standard 8P8C modular plugs meeting the specifications of the FCC Part 68 sub part F for miniature 8-position plug, unkeyed; use of any other plug constructions that do not meet the above specifications may void the product warranty.

PIN No.	10/100 Mb/s		1000 Mb/s		
1	R _x +	DC+	T _X R _X A+	DC+	
2	R _X =	DC+	T _X R _X A-	DC+	
3	T _X +	DC-	T _X R _X B+	DC-	
4			T _X R _X C+		
5			T _X R _X C-		
6	T _X -	DC-	T _X R _X B-	DC-	
7			T _X R _X D+		
8			T _X R _X D-		

System status indication

