

1026937

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Unmanaged PoE Switches 1000, 1 RJ45 port 10/100/1000 Mbps, 4 RJ45 ports 10/100/1000 Mbps

### Your advantages

- POE status LED per port
- Wide-range power supply of 18 ... 57 V DC
- Wide -40° ... +75°C temperature range
- Autocrossing
- Auto negotiation
- Redundant power supply
- Automatic detection of IEEE 802.3at or 802.3af powered devices

## Commercial data

Item number	1026937
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	DNN
Product key	DNN115
Catalog page	Page 303 (C-6-2019)
GTIN	4055626519692
Weight per piece (including packing)	623.1 g
Weight per piece (excluding packing)	623 g
Customs tariff number	85176200
Country of origin	TW



1026937

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## Technical data

### Dimensions

Height 149 mm   Depth 107.8 mm	Width	30 mm
Depth 107.8 mm	Height	149 mm
	Depth	107.8 mm

### Notes

Notes on operation	Mode A PoE
Note on application	
Note on application	Only for industrial use
Utilization restriction	
EMC note	EMC: class A product, see manufacturer's declaration in the download area
lounting	
Mounting type	DIN rail mounting

## Interfaces

Ethernet		
Connection method	RJ45	
Note on the connection method	Auto negotiation and autocrossing	
Transmission speed	10/100/1000 Mbps	
Transmission physics	Ethernet RJ45	
Transmission length	100 m (Between transmitter / receiver)	
Signal LEDs	LNK/ACT, POE	
No. of channels	1 (RJ45 port)	

#### Ethernet (PoE)

Connection method	RJ45
Transmission speed	10/100/1000 Mbps
Transmission physics	Ethernet RJ45
Transmission length	100 m (Between transmitter / receiver)
Signal LEDs	LNK/ACT, POE
No. of channels	4 (RJ45 ports)

### **Product properties**

Product type	Switch
Product family	Unmanaged PoE Switches 1000
Туре	Stand-Alone
MTTF	72.1 Years (MIL-HDBK-217F standard, temperature 25°C, operating cycle 100%)

Data management status



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Conductor cross section, flexible

Conductor cross section AWG

Article revision	02
Switch functions	
Basic functions	Store-and-forward switch, 10/100/1000 Mbps, auto negotiation, redundant power supply, PoE according to IEEE 802.3at/802.3a jumbo frames up to 10240 bytes, alarm contact
Signal contact control voltage	48 V DC
Signal contact control current	0.5 A
Status and diagnostic indicators	LEDs: $U_{S1}$ , $U_{S2}$ (redundant voltage supply), Alarm (alarm contact), Link/Activity and PoE per Ethernet port
Additional functions	Autonegotiation
Security functions	
Basic functions	Store-and-forward switch, 10/100/1000 Mbps, auto negotiation, redundant power supply, PoE according to IEEE 802.3at/802.3a jumbo frames up to 10240 bytes, alarm contact
ectrical properties	
Local diagnostics	US1, US2 Supply voltage Green LED
	PoE PoE detection Orange LED
	LNK/ACT Link status/data transmission Green LED
	Alarm Power failure at US1 or US2/Link failure
Maximum power dissipation for nominal condition	128 W (at 48 V DC)
Supply	
Supply voltage (DC)	24 V DC
Supply voltage	48 V DC
Supply voltage range	18 V DC 57 V DC
Power supply connection	Via COMBICON, max. conductor cross section 2.5 mm <sup>2</sup>
Inrush current	32.1 A (24 V DC for 3540 µs)
Residual ripple	3.6 $V_{PP}$ (within the permitted voltage range)
Max. current consumption	6.93 A (Maximum, nominal load)
Typical current consumption	165 mA (at U <sub>S</sub> = 24 V DC)
Function	
Signal contact control voltage	48 V DC
Signal contact control current	0.5 A
onnection data	
Connection name	Power supply
Power supply	Our constantion
Connection method	0.2 mm <sup>2</sup> 2.5 mm <sup>2</sup>
Conductor cross section, rigid	

 $0.2 \text{ mm}^2 \dots 2.5 \text{ mm}^2$ 

24 ... 12



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Stripping length	7 mm
nvironmental and real-life conditions	
Ambient conditions	
Degree of protection	IP30
Ambient temperature (operation)	-40 °C 75 °C
Ambient temperature (storage/transport)	-40 °C 85 °C
Permissible humidity (operation)	5 % 95 % (non-condensing)
Permissible humidity (storage/transport)	5 % 95 % (non-condensing)
Air pressure (operation)	57 kPa 108 kPa (up to 4850 m above mean sea level)
Air pressure (storage/transport)	57 kPa 108 kPa (up to 4850 m above mean sea level)
IC data	
Electromagnetic compatibility	Conformance with EMC Directive 2004/108/EC
Conformance with EMC directives	IEC 61000-6-2 IEC 61000-4-2 (ESD) Criterion B
	IEC 61000-4-3 (immunity to radiated interference) Criterion A
	IEC 61000-4-4 (burst) Criterion A
	IEC 61000-4-5 (surge) Criterion B
	IEC 61000-4-6 (immunity to conducted interference) Criterion A
	IEC 61000-4-8 (immunity to magnetic fields) Criterion A
	EN 55022 (emitted interference) Criterion A
ystem properties	EN 55022 (emitted

5	
Basic functions	Store-and-forward switch, 10/100/1000 Mbps, auto negotiation,
	redundant power supply, PoE according to IEEE 802.3at/802.3af,
	jumbo frames up to 10240 bytes, alarm contact

## Signaling

Status display	LEDs: $U_{S1}$ , $U_{S2}$ (redundant voltage supply), Alarm (alarm
	contact), Link/Activity and PoE per Ethernet port



1026937

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## Approvals

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	UL Listed Approval ID: E238705
•	CUL Listed Approval ID: E238705
K	KC Approval ID: R-R-PCK-1026937
с	ULus Listed



1026937

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## Classifications

### ECLASS

ECLASS-11.0	19170402
ECLASS-12.0	19170402
ECLASS-13.0	19170402

### ETIM

	ETIM 9.0	EC000734
UNSPSC		
	UNSPSC 21.0	43222600



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## Environmental product compliance

#### EU RoHS

Fulfills EU RoHS substance requirements	Yes
Exemption	15(a), 6(a)-I, 7(a), 7(c)-I
China RoHS	
Environment friendly use period (EFUP)	EFUP-10
	An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.
U REACH SVHC	
REACH candidate substance (CAS No.)	Lead(CAS: 7439-92-1)
SCIP	e65e70d5-e16b-4d49-b28f-493ac3a4e49a

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PHOENIX CONTACT (I) Pvt. Ltd. A-58/2, Okhla Industrial Area, Phase - II, New Delhi-110 020

+91.1275.71420 info@phoenixcontact.co.in