FL SWITCH 1108 REG - Industrial Ethernet Switch

1473643

https://www.phoenixcontact.com/au/products/1473643

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Unmanaged Switch 1000 REG series, 8 RJ45 port 10/100/1000 Mbps, degree of protection: IP20, REG design in accordance with DIN 43880

Product description

8-port Ethernet switch for building installation in REG format. Four RJ45 ports both above and below the touch protection cover.

Your advantages

• REG design in accordance with DIN 43880

• Auto negotiation

• Autocrossing

Commercial data

Item number	1473643
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	DNN412
Product key	DNN412
GTIN	4063151884093
Weight per piece (including packing)	275 g
Weight per piece (excluding packing)	196 g
Customs tariff number	85176200
Country of origin	TW
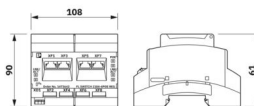
Technical data

Dimensions

Dimensional drawing	
Width	108 mm
Height	90 mm
Depth	62 mm
Note on dimensions	6 HP

Notes

General	Support by phone or on-site (fee is charged)

Note on application

Note on application	Only for industrial use

Material specifications

Housing material	PC

Mounting

Mounting type	DIN rail mounting

Interfaces

Ethernet

Number of interfaces	8
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 (per segment)
Signal LEDs	LNK/ACT
No. of channels	8 (RJ45 port)

Product properties

Product type	Switch
Product family	Unmanaged Switch 1000 REG
Type	Stand-Alone
MTTF	1432 Years (MIL-HDBK-217F standard, temperature 25°C, operating cycle 100%)
	615.6 Years (SN 29500 standard, temperature 40°C, operating cycle 34.25%)

	163.3 Years (SN 29500 standard, temperature: 50°C, operating cycle: 100%)
Special properties	REG design in accordance with DIN 43880
Signal delay	Store and Forward mode, 10/100 Mbps, depending on the frame size

Switch functions

Basic functions	Unmanaged switch
	Autonegotiation
	Store and Forward switching mode
Status and diagnostic indicators	LEDs: US1, Link, and Activity

Security functions

Basic functions	Unmanaged switch
	Autonegotiation
	Store and Forward switching mode

Electrical properties

Local diagnostics	US Supply voltage Green LED
	LNK/ACT Link status/data transmission Green LED
Maximum power dissipation for nominal condition	4 W
Test voltage	500 V DC
Test section	Between the Ethernet ports 1500 V AC 1 min
	24 V supply (US) / FE 500 V DC 1 min
Transmission medium	Copper

Supply

Supply voltage (DC)	24 V DC
Supply voltage (AC)	24 V AC (50/60 Hz)
Supply voltage range	9 V DC ... 32 V DC
	12 V AC ... 30 V AC
Max. current consumption	0.45 A (at U_s = minimum, data transmission 1 Gbps, for AC and DC)

Connection data

Connection method	Spring-cage connection
Conductor cross section, rigid	0.2 mm² ... 1.5 mm²
Conductor cross section, flexible	0.5 mm² ... 1.5 mm²

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP20
Ambient temperature (operation)	5 °C ... 50 °C
Ambient temperature (storage/transport)	-40 °C ... 70 °C
Altitude	max. 2000 m
Permissible humidity (operation)	10 % ... 95 % (non-condensing)

Permissible humidity (storage/transport)	5 % ... 95 % (non-condensing)
Air pressure (operation)	86 hPa ... 108 kPa (1500 m above sea level)
Air pressure (storage/transport)	66 hPa ... 108 kPa (3500 m above sea level)

EMC data

Conformance with EMC directives	EN 61000-6-2 EN 61000-4-2 (ESD) Criterion B
	EN 61000-6-2 EN 61000-4-3 (electromagnetic fields) Criterion A
	EN 61000-6-2 EN 61000-4-4 (EFT burst) Criterion B
	EN 61000-6-2 EN 61000-4-5 (surge) Criterion B
	EN 61000-6-2 EN 61000-4-6 (line noise immunity) Criterion A
	EN 61000-6-2 EN 61000-4-8 (electromagnetic fields) Class A
Noise immunity	EN 61000-6-3

Noise emission

Standards/regulations	EN 61000-6-3

System properties

Functionality

Basic functions	Unmanaged switch
	Autonegotiation
	Store and Forward switching mode

Signaling

Status display	LEDs: US1, Link, and Activity

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Drawings

Dimensional drawing
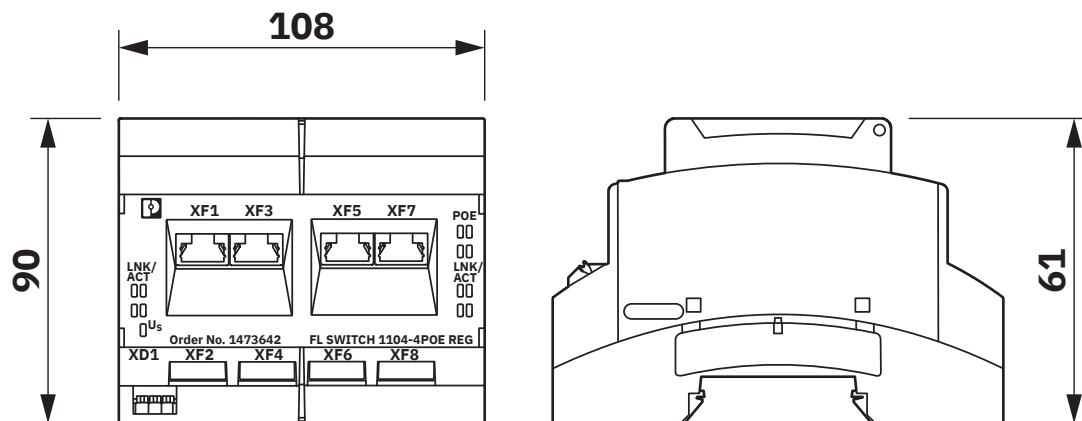
Classifications

ECLASS

ECLASS-13.0	19170402

ETIM

ETIM 9.0	EC000734

Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes
Exemption	7(a), 7(c)-I

China RoHS

Environment friendly use period (EFUP)	EFUP-50
	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.

EU REACH SVHC

REACH candidate substance (CAS No.)	Lead(CAS: 7439-92-1)