

FL SWITCH 1005N-28PK - Industrial Ethernet Switch



1544302

<https://www.phoenixcontact.com/us/products/1544302>

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Pack of 28 narrow Ethernet switches, five RJ45 ports with 10/100 Mbps on all ports, automatic data transmission speed detection, autocrossing function, and QoS

Your advantages

- RJ45 ports support a transmission speed of 10/100 Mbps
- QoS-prioritized (Quality of Service) messages
- Local diagnostic indicators with LEDs
- Enhanced traffic prioritization for automation protocols
- PROFINET PTCP filter for reliable communication on PROFINET networks
- Energy-efficient Ethernet in accord. with IEEE 802.3az
- PROFINET Conformance Class A for real-time data exchange
- Auto negotiation and autocrossing detection simplifies installation and setup

Commercial data

Item number	1544302
Packing unit	28 pc
Minimum order quantity	28 pc
Sales key	DN20
Product key	DNN116
GTIN	4067923016675
Weight per piece (including packing)	194 g
Weight per piece (excluding packing)	193 g
Customs tariff number	85176200
Country of origin	TW

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Technical data

Dimensions

Width	22.5 mm
Height	117 mm
Depth	84 mm

Notes

Utilization restriction

EMC note	EMC: class A product, see manufacturer's declaration in the download area
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Material specifications

Housing material	Polycarbonate fiber reinforced
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Interfaces

Ethernet (RJ45)

Number of interfaces	5
Connection method	RJ45
Note on the connection method	Auto negotiation and autocrossing
Transmission speed	10/100 Mbps
Transmission physics	Ethernet in RJ45 twisted pair
Transmission length	100 m (per segment)
Signal LEDs	Data receive, link status
No. of channels	5 (RJ45 ports)

Product properties

Product type	Switch
Product family	Unmanaged Switch 1000

Switch functions

MAC address table	2k
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Electrical properties

Transmission medium	Copper
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Supply

Power supply connection	Via COMBICON, max. conductor cross-section 2.5 mm ²
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Environmental and real-life conditions

Ambient conditions

Degree of protection	IP30
Ambient temperature (operation)	-10 °C ... 60 °C
Vibration (operation)	in acc. with IEC 60068-2-6: 5g, 150 Hz

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Standards and regulations

Free from substances that could impair the application of coating	In acc. with VW specification
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EMC data

Electromagnetic compatibility	Conformance with EMC Directive 2014/30/EU
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Noise immunity	EN 61000-6-2:2005
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Noise emission

Standards/regulations	EN 61000-6-4:2007 + A1:2011
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Approvals

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TEC

Approval ID: MTCTE:379403535

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Classifications

ECLASS

ECLASS-13.0	19170402
ECLASS-15.0	19170402

ETIM

ETIM 10.0	EC000734
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UNSPSC

UNSPSC 21.0	43222600
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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)
SCIP	0eff7212-59ba-4fba-bfa3-90d31d6c0b73

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