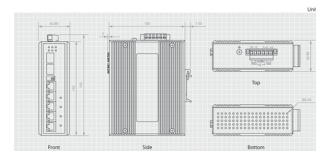# LevelOne 6-Port Gigabit PoE Industrial Switch, 802.3at/af PoE, 4 PoE Outputs, 1 x SFP, 1 x SFP/RJ45 Combo, DIN-Rail, -40°C to 75°C, 126W, voltage booster

Brand : LevelOne

Product code: IES-0620

Product name : 6-Port Gigabit PoE Industrial Switch, 802.3at/af PoE, 4 PoE Outputs, 1 x SFP, 1 x SFP/RJ45 Combo, DIN-Rail, -40°C to 75°C, 126W, voltage booster

4x PoE 10/100/1000Base, 1x Gigabit SFP, 1x Gigabit Combo SFP/RJ-45, 1024 MAC, 12Gbps LevelOne 6-Port Gigabit PoE Industrial Switch, 802.3at/af PoE, 4 PoE Outputs, 1 x SFP, 1 x SFP/RJ45 Combo, DIN-Rail, -40°C to 75°C, 126W, voltage booster. Basic switching RJ-45 Ethernet ports type: Gigabit Ethernet (10/100/1000), Basic switching RJ-45 Ethernet ports quantity: 4. Full duplex. MAC address table: 1024 entries, Switching capacity: 12 Gbit/s. Networking standards: IEEE 802.3, IEEE 802.3ab, IEEE 802.3af, IEEE 802.3at, IEEE 802.3u, IEEE 802.3x, IEEE 802.3z. Power over Ethernet (PoE). Wall mountable

Ports & interfaces

Basic switching RJ-45 Ethernet ports quantity *	4
Basic switching RJ-45 Ethernet ports type *	Gigabit Ethernet (10/100/1000)
Combo SFP ports quantity	1
SFP module slots quantity	1

Network

Networking standards *	IEEE 802.3, IEEE 802.3ab, IEEE 802.3af, IEEE 802.3at, IEEE 802.3u, IEEE 802.3x, IEEE 802.3z
Full duplex	✔
Flow control support	✔
Auto MDI/MDI-X	✔
Auto-negotiation	✔

Data transmission

Switching capacity *	12 Gbit/s
MAC address table *	1024 entries
Store-and-forward	✔
Jumbo frames	10000
Packet forwarding rate (1 Gbps)	1488000 pps
Packet forwarding rate (100 Mbps)	148000 pps
Packet forwarding rate (10 Mbps)	14880 pps
Packet buffer memory	1 MB

Design

Product colour	Black
Housing material	Metal
LED indicators	Activity, Link, Power
International Protection (IP) code	IP30
Wall mountable	✔
DIN rail mounting	✔

Power

Input voltage	12 - 55 V
Power consumption (typical)	6 W
Power protection features	Overload, Reverse polarity

Power over Ethernet (PoE)

Power over Ethernet (PoE) *	✔
Power over Ethernet plus (PoE+) ports quantity	4
Power over Ethernet (PoE) power per port	30 W
Total Power over Ethernet (PoE) budget	126 W

Other features

Terminal block port	✔

Operational conditions

Operating temperature (T-T)	-40 - 75 °C
Storage temperature (T-T)	-40 - 85 °C
Operating relative humidity (H-H)	5 - 95%
Storage relative humidity (H-H)	5 - 95%

Weight & dimensions

Width	40 mm
Depth	105 mm
Height	38 mm
Weight	720 g

Packaging content

Quick start guide	✔

Packaging data

Package width	215 mm
Package depth	165 mm
Package height	65 mm
Package weight	120 g

Certificates

Certification	FCC Part 15 Subpart B Class A CE EN 55022 Class A EN61000-4-2 (ESD) Level 3 EN61000-4-3 (RS) Level 3 EN61000-4-4 (EFT) Level 3 EN61000-4-5 (Surge) Level 3 EN61000-4-6 (CS) Level 3 EN61000-4-8 (Magnetic Field) Level 3 UL508 (Pending) EN 50121-4 (Pending) IEC 60068-2-27 IEC 60068-2-32 IEC 60068-2-6 UL 508

Logistics data

Country of origin	Taiwan
Harmonized System (HS) code	85176990

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