

EH3408 Series

8-Port Slim Type Fast Ethernet Smart Switch

FEATURE HIGHLIGHTS



- 8 x 10/100 Mbps RJ45 ports
- Slim size for limited cabinet space
- Support RSTP/STP for network redundancy
- Zero-touch configuration backup/restore
- IP30 aluminum case with Din-Rail/Wall mount
- Redundant power input 12-48 VDC
- Operating range of -40°C to +75°C or -10°C to +60°C
- Security features based on the IEC62443-4-2 standard.

PRODUCT DESCRIPTION

The EH3408 is an ideal, cost-effective switch for industrial networking where simple managing is required. As a lite-managed switch, it provides features you need, without the burden of those you don't.

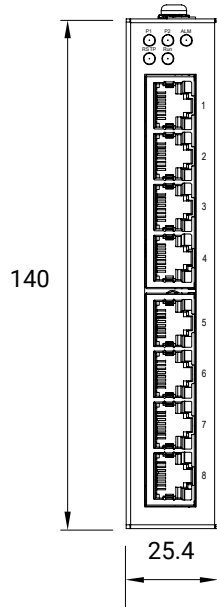
The device's easy web configuration includes functions like SNMP, warning relay-out, Syslog and a user-friendly web GUI, which is especially useful when creating a compatible network for Industry 4.0 automation equipment, helping you set up Quality of Service (QoS) and VLAN to run industrial protocols like Profinet and Ethernet/IP. Furthermore, multiple account levels allow optimal management with different users accessing different operations.

All these features are packed in a slim, sturdy enclosure that fits in cabinets with limited space, while protecting against environmental hazards according to CE, FCC and UL standards. Two operation ranges are available for your choice: -10°C to +60°C for regular climates and -40°C to +75°C for extreme ones. Cyber protection is not overlooked either; the EH3408 series supports security features based on the IEC62443-4-2 standard.

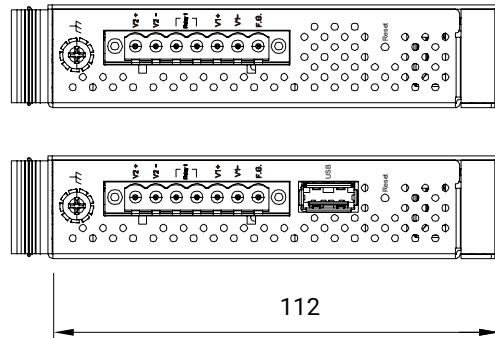
An EH3408 switch comes with either USB or Micro-SD card support, so device configurations can be automatically backed up on a regular basis. In the unlikely event of device failure, simply transfer the USB or SD card to a new device to restore all original configurations.

DIMENSIONS & LAYOUT

Front View



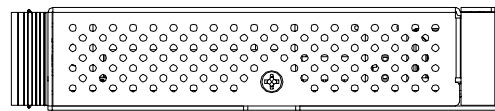
Top View



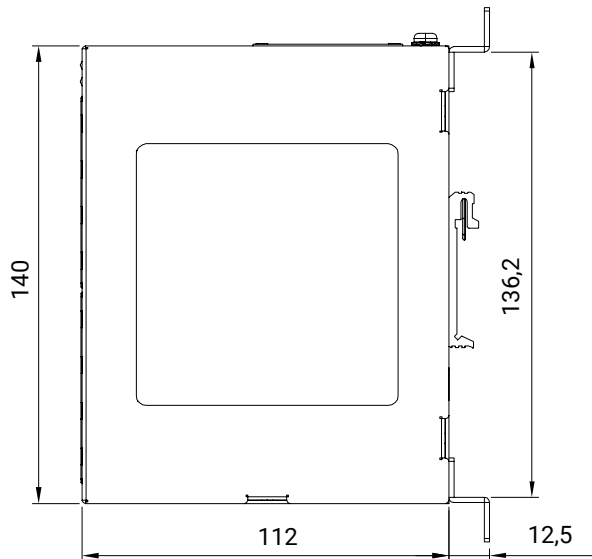
EH3408ls / EH3408s

EH3408lu / EH3408u

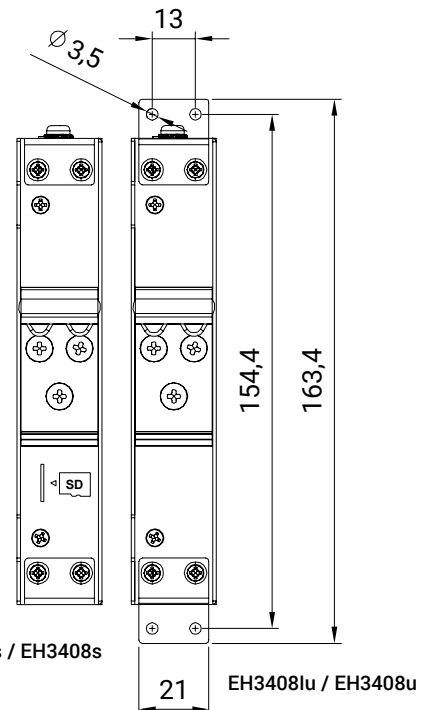
Bottom View



Side View



Rear View



EH3408ls / EH3408s

EH3408lu / EH3408u

SPECIFICATIONS

Technical Specifications	
Model Name	EH3408
Switch Properties	
Priority Queues	8
VLAN Table	4096
Trunk Group	4
MAC Table Size	16K
Packet Buffer Size	1 Mb
Jumbo Frame	1664 Byte
Ethernet Interfaces	
Standards	IEEE 802.3 for 10Base-T IEEE 802.3u for 100Base-T(X) IEEE 802.3x for Flow Control, back pressure flow control IEEE 802.1D-2004 for Spanning Tree Protocol IEEE 802.1w for Rapid Spanning Tree Protocol IEEE 802.1q for VLAN tagging IEEE 802.1AB for LLDP protocol Auto MDI/MDI-X
Protocols	IPv4, SNMP v1/2/3, SNMP trap, RMON History, LLDP, Syslog, HTTPs, DHCP client, NTP, SNTP, VLAN
Redundancy	STP, RSTP
SNMP MIB	RFC1213, Ethernet-like MIB, IF MIB, LLDP MIB, Bridge MIB
Ethernet Interfaces	
RJ-45	Up to 8
External Storage Interface	
Connector Type	USB x 1 or Micro-SD card x1
LED	
Indicators	PWR1, PWR2, ALM, LAN, Ring, Run
Power Characteristics	
Input Voltage	12 – 48 VDC
Power Consumption	6W
Power Redundancy	DC
Reverse Polarity Protection	Yes

Physical Characteristics	
Housing	IP30 protection, SGCC, Black
Dimension (W x H x D mm)	25.4 x 140 x 112
Installation	DIN-Rail, Wall mount (optional kit)
Reset Button	Yes
Environmental Limits	
Operating Temperature	-40°C to +75°C (-40°F to +158°F) or -10°C to +60°C (-14°F to 140°F)
Storage Temperature	40°C to +85°C (-40°F to +185°F)
Ambient Relative Humidity	5% to 95%, 55°C (Non-condensing)

REGULATORY APPROVALS

Regulatory Approvals				
Safety	UL/IEC(CB) 62368			
FCC(EMI)	FCC Part 15, Subpart B, Class A			
CE(EMI)	EN 55032:2015/AC:2016 Class A EN 61000-3-2: 2014 EN 61000-3-3: 2013 EN 61000-6-4: 2007+ A1: 2011			
CE(EMS)	EN 55035:2017/A11:2020 EN 61000-6-2: 2005+ AC: 2005			
Test	Item		Value	Level
IEC 61000-4-2	ESD	Contact Discharge	±6KV	3
		Air Discharge	±8KV	3
IEC 61000-4-3	RS	80-1000MHz	10(V/m)	3
IEC 61000-4-4	EFT	DC Power Port	±2.0kV	3
		LAN Port	±1.0kV	3
IEC 61000-4-5	Surge	DC Power Port	Line-to-Line±1.0KV	3
		DC Power Port	Line-to-Earth±2.0KV	3
		LAN Port	Line-to-Earth±2.0KV	3
IEC 61000-4-6	CS	0.15-80MHz	10V rms	3
IEC 61000-4-8	PFMF	(Enclosure)	AC 50Hz 10A/m	3
Shock	IEC 60068-2-27			
Freefall	IEC 60068-2-32			
Vibration	IEC 60068-2-6			
MTBF	20 Years			
Warranty	5 years			
RoHS	Yes			

ORDERING INFORMATION

Ordering information			
Model name	Description		
	RJ-45(10/100)	Storage	Operating Temp.
EH3408Is	8	Micro-SD	-40°C to +75°C
EH3408Iu	8	USB	-40°C to +75°C
EH3408s	8	Micro-SD	-10°C to +60°C
EH3408u	8	USB	-10°C to +60°C

Optional Accessories		
Model name	Part Number	Description
WALL MOUNT-P13	20200000000022G	SECC Wall Mount Kit
SDR-75-24	50500752240001G	75W/3.2A DIN-Rail 24VDC power supply 88..264VAC / 124..370VDC input