



# Hermes 1050

## 8-Port Unmanaged Gigabit Ethernet Switches



### Description

Hermes 1050 series unmanaged Gigabit Ethernet switches are designed to meet the stringent performance levels required for substation automation. Engineered for reliable operation in harsh environments, ensuring resilience against high levels of electromagnetic interference (EMI), extreme temperatures, and mechanical stress.

Hermes 1050 switches ensure reliable and efficient data transmission for protection, monitoring, and control in modern substation environments, providing the performance, security, and scalability required for today's smart grid applications.

### Key Features

#### Gigabit Ethernet

- 8 Gigabit (10/100/1000Mbps) ports

#### Rugged Design

- Wide operating temperature range (-40°C to 70°C)
- Compact, fanless aluminum enclosure

#### Plug-and-Play Operation

- No configuration required, enabling effortless deployment and maintenance



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### Technical Data

#### General Data

Unit Dimensions	1.7"W x 6.97" H x 6.78"D (43 x 177 x 172mm)
Housing Material	Aluminum
Degree of Protection	IP40
Weight	1.9lbs (.86kg)

#### Power Supply

Supply Voltage Range	80-300V dc / 90-240V ac (50/60 Hz) or 24-48V dc (+/- 20%)
Power Consumption	6W max
Connector Type	Pluggable compression screw terminal (12-24AWG/0.25-3.31mm <sup>2</sup> )

#### Indicators

LED	Link (green) Activity (yellow)
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#### Environmental

Operating Temperature	-40°C to +70°C (-40°F to +158°F)
Storage Temperature	-40°C to +70°C (-40°F to +158°F)
Humidity	5% to 95%, non-condensing
Altitude	2000m

#### Ethernet

Ports	8
Connector Type	RJ45
Data Rate	10/100/1000Mbps

#### Export Information

Country of Origin	USA
HS Code	8517.62

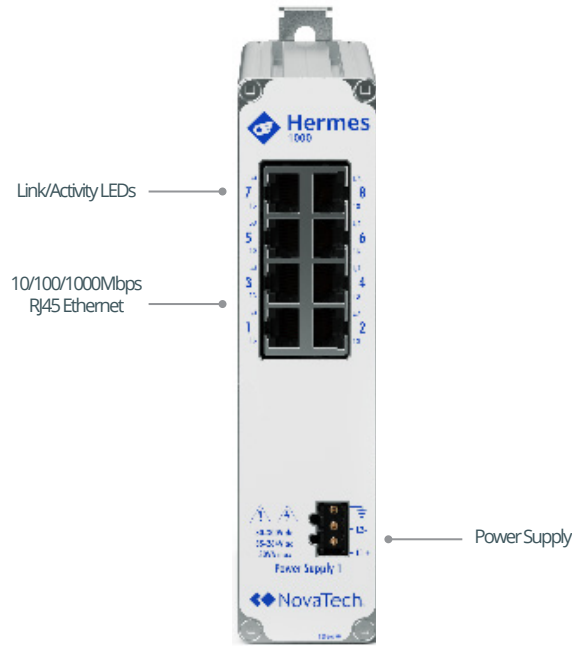


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### Product Diagram

Front Panel



### Ordering Information

Model	Description
Hermes 1050-HV-8T	DIN rail mount unmanaged Ethernet switch with 8 copper ports and single high voltage power supply.
Hermes 1050-LV-8T	DIN rail mount unmanaged Ethernet switch with 8 copper ports and single low voltage power supply.

