

**ETHERLINE® ACCESS M06T-2GEN****Article No.:** 21700125

Managed switch; Ethernet/IP, Modbus/TCP; Interfaces: 6xRJ45 (10 Mbit/s; 100 Mbit/s)

**Details****Benefits**

- Available with 6 or 8 ports (10/100BASE-T(X)).
- With management functions for better controlling and monitoring of the network. If a fault occurs, it can be pinpointed more quickly using advanced diagnostic functions.
- Ring redundancy with a short reconfiguration time of less than 20 ms enables uninterrupted data transmission even if a device fails.
- A redundant power supply (two connections to the device) ensures uninterrupted data communication even if the primary connection fails.
- Robust design for direct mounting on 35 mm (1.36 in) top-hat rails.
- Low-noise and maintenance-free as it is operated without fans.

**Application**

- For use in Ethernet-based networks in automation technology.
- For use in control cabinets in harsh environments (protection class IP 40).
- Extended temperature range (-40°C to +75°C).

**Notes**

Unless specified otherwise, the product values shown are rated values at room temperature. You can receive additional values, such as tolerances, upon request if they are available and have been released for publication.

Photographs and graphics are not to scale and do not represent detailed images of the respective products.

If applicable, the prices are solid metal prices without additional charges and VAT. Sales only to business customers.

### Remarks

### Technical Data

#### General information

Brand	ETHERLINE®
Product type	Managed switch
Delivery Unit	1
valid Fieldbus or Ethernet System	Ethernet

#### Electrical parameters

Nominal operating voltage	24 V DC 48 V DC
Operating voltage range	18 V - 60 V DC
current consumption	0.62 A

#### Product design

Direct assembly possible	Yes
Status display	Yes
Total length	4.232 in
Overall width	2.598 in
Overall height	5.315 in
Housing main material	Steel
Colour housing	black
configuration	Via web interface
Interfaces	Copper

interfaces copper	10 Mbit/s; 100 Mbit/s: 6 x RJ45
Number of ports	6
Switch version	Managed
<b>Product features</b>	
IP protection rating	IP 40
Suitable for EX-applications	No
Operating temperature max.	-40 °C
Operation temperature max.	75 °C
Flame-retardant	No
Data rate	10 Mbit/s 100 Mbit/s
Package buffer size	4,000 kbit
MAC table size	8 k
IP management	DHCP server/snooping/client
Management and maintenance	Link Test Port Mirroring Loop Detection
Time management	PTP SNTP Client
Network security protocols	User Classification HTTPS/SSL MAC Address Connection to Switch Ports RADIUS SSH TACACS+
Alarm function	CRC Error IP/MAC Conflict Packet Loss Port Port Traffic Power Ring Memory/CPU Usage
Industrial protocols	Ethernet/IP Modbus/TCP

Redundancy protocols	DR/ DHP DT-VLAN STP / RSTP / MSTP
Switching protocols	ACL rate limiters GVRP LACP Port aggregation Port FlowControl PVLAN QoS storm policing VLAN
Service Quality	ACL DSCP QoS SP WRR Line Planning
Multicast protocols	GMRP IGMP Snooping Static multicast

#### Certifications and standards

CE marking	Yes
UL recognized	No
UL listed	Yes
cUR recognized	No
cUL listed	No
CSA certified	No
VDE certified	No
TÜV certified	No

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**ETHERLINE® ACCESS Managed**

Article No.	Name	Number of ports
21700125	ETHERLINE® ACCESS M06T-2GEN	6
21700126	ETHERLINE® ACCESS M08T-2GEN	8

V1.1