

ETHERLINE® ACCESS

Industrial network solutions for Smart Factories

Industrial network solutions from Lapp means data cables, connectors, accessories and industrial grade active network components.

Most flexible and globally present solutions from one hand.

Improve your total cost of ownership with faster installation and lower downtime.

Rely on the well known high quality, availability and service from Lapp.

Reliable interaction of industrial network components from one source.

General Features

- Redundant power inputs – high availability
- Robust metal housing and DIN rail mounting
- IP 30
- Fanless – maintenance free



ETHERLINE® ACCESS M05T/M08T



Features for managed switches

- Simple setup of redundant network topologies
- Reconfiguration time < 20 ms one of the lowest reconfiguration time of redundancy protocols
- RJ45 Ports: 10/100BaseT(X)
- Packet Buffer Size: 1 Mbit
- Supported protocols: HTTP, Telnet, EtherNet/IP, Modbus/TCP, IPv6, and many more
- Temperature range: 0 °C to 60 °C
- Power Input: 24 VDC redundant dual inputs
- Shock IEC 60068-2-27; Freefall IEC 60068-2-32; Vibration IEC 60068-2-6

Article number	Designation	Type	RJ45 ports	MTBF
21700121	ETHERLINE® ACCESS M05T	Managed	5	> 97 Years
21700122	ETHERLINE® ACCESS M08T	Managed	8	> 125 Years



ETHERLINE® ACCESS U05T/U08T



Features for unmanaged switches

- Broadcast storm protection
- RJ45 Ports: 10/100BaseT(X)
- Packet Buffer Size: 512 kbit
- Temperature range: -10 °C to 60 °C
- Power Input: 12/24/48 VDC, 18 to 30 VAC, redundant dual inputs
- Shock IEC 60068-2-27; Freefall IEC 60068-2-32; Vibration IEC 60068-2-6

Article number	Designation	Type	RJ45 ports	MTBF
21700118	ETHERLINE® ACCESS U05T	Unmanaged	5	> 347 Years
21700119	ETHERLINE® ACCESS U08T	Unmanaged	8	> 277 Years

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

ETHERLINE® ACCESS

Active network components for industrial ethernet systems



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Complete Automation Network for SMART FACTORIES

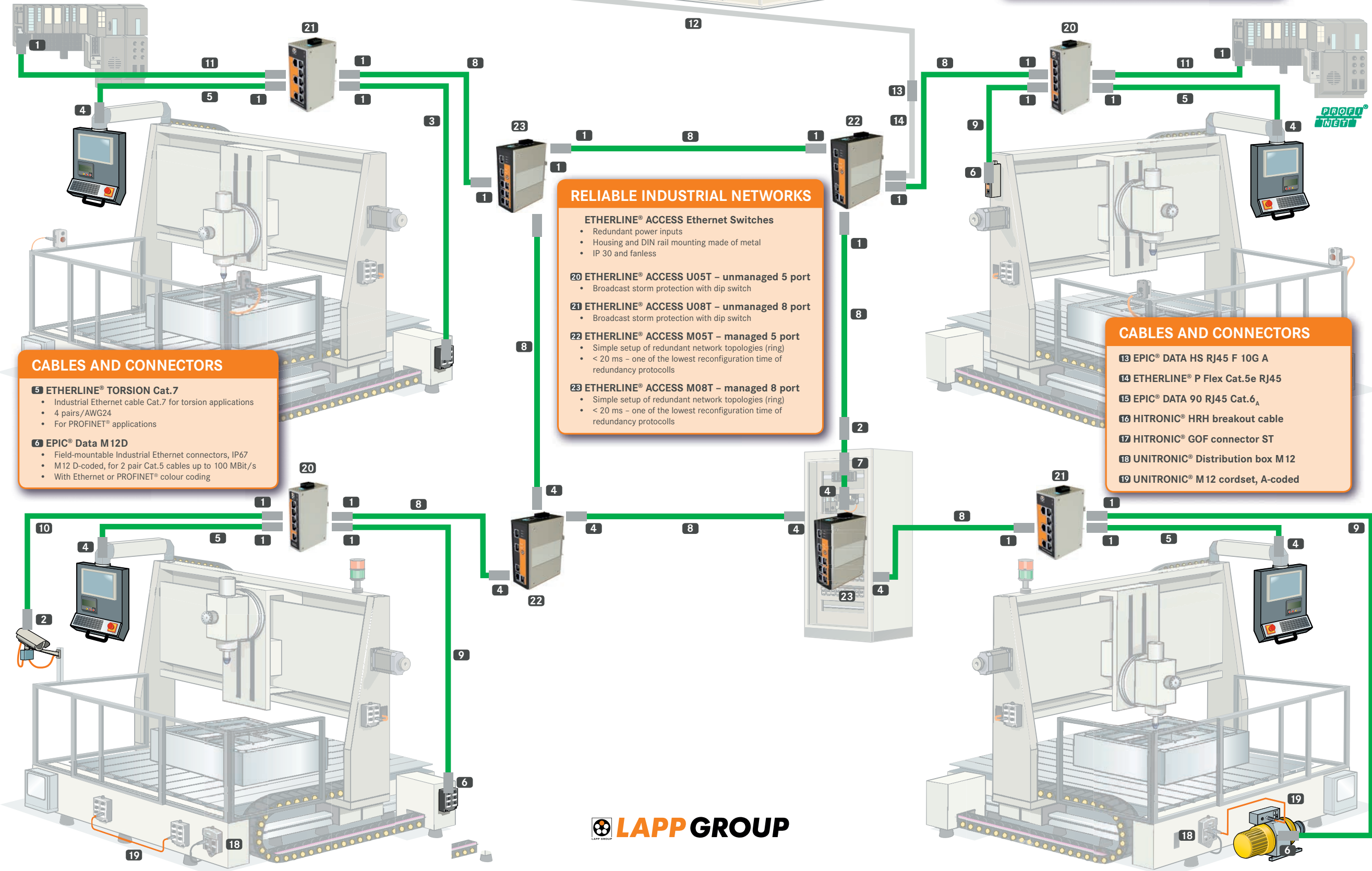
CABLES AND CONNECTORS

- 1 EPIC® Data RJ45, angled**
 - Field-mountable Industrial Ethernet RJ45 connector
 - Angled, 4 outlet directions possible
 - Cat.6_A suitable for 10 Gbit/s
- 2 EPIC® Data M12-X**
- 3 ETHERLINE® EC FD Cat.5e M12**
- 4 EPIC® Data AX RJ45 Cat.6_A**
 - Field-mountable Industrial Ethernet RJ45 connector
 - Straight cable outlet
 - Cat.6_A suitable for 10 Gbit/s



CABLES AND CONNECTORS

- 7 EPIC® Data M12-X, wall mounting socket**
- 8 ETHERLINE® PN Cat.6_A Y Flex, PROFINET®**
- 9 ETHERLINE® PN Cat.5 Y Flex FC, PROFINET®**
- 10 ETHERLINE® Cat.7 Flex**
 - Space saving and flexible Industrial Ethernet cable
 - 4 pairs/AWG 26
 - For data transmission up to 10 Gbit/s at 600 MHz acc. to Cat.7
 - Robust PUR outer sheath
- 11 ETHERLINE® P Flex Cat.5e RJ45**
- 12 UNITRONIC® LAN 1200S/FTP Cat.7_A**



CABLES AND CONNECTORS

- 5 ETHERLINE® TORSION Cat.7**
 - Industrial Ethernet cable Cat.7 for torsion applications
 - 4 pairs/AWG24
 - For PROFINET® applications
- 6 EPIC® Data M12D**
 - Field-mountable Industrial Ethernet connectors, IP67
 - M12 D-coded, for 2 pair Cat.5 cables up to 100 MBit/s
 - With Ethernet or PROFINET® colour coding

RELIABLE INDUSTRIAL NETWORKS

- ETHERLINE® ACCESS Ethernet Switches**
 - Redundant power inputs
 - Housing and DIN rail mounting made of metal
 - IP 30 and fanless
- 20 ETHERLINE® ACCESS U05T – unmanaged 5 port**
 - Broadcast storm protection with dip switch
- 21 ETHERLINE® ACCESS U08T – unmanaged 8 port**
 - Broadcast storm protection with dip switch
- 22 ETHERLINE® ACCESS M05T – managed 5 port**
 - Simple setup of redundant network topologies (ring)
 - < 20 ms – one of the lowest reconfiguration time of redundancy protocols
- 23 ETHERLINE® ACCESS M08T – managed 8 port**
 - Simple setup of redundant network topologies (ring)
 - < 20 ms – one of the lowest reconfiguration time of redundancy protocols

CABLES AND CONNECTORS

- 13 EPIC® DATA HS RJ45 F 10G A**
- 14 ETHERLINE® P Flex Cat.5e RJ45**
- 15 EPIC® DATA 90 RJ45 Cat.6_A**
- 16 HITRONIC® HRH breakout cable**
- 17 HITRONIC® GOF connector ST**
- 18 UNITRONIC® Distribution box M12**
- 19 UNITRONIC® M12 cordset, A-coded**