

Industrial Ethernet Switches Selection Guide

Our industrial Ethernet switches provide a simple and reliable solution for expanding your network. Select from our options below to discover the right switch for your data communication application.

Click the product image to visit the e-shop.



Unmanaged Switches

Price Point: \$



EcoLine:

Best budget friendly option in US

- Extensive variants
- 40...+75 °C operating temp.
- PoE models

EcoLine Series B:

Best choice for cost-efficiency w/ added features

- Cost-efficient
- Quality of Service (QoS)
- AC/DC power supply
- Rotateable DIN-clip
- Compact housing



Managed Switches

Advanced Line Lite Managed:

Best choice in essential management for straightforward networks

- 3 variants
- 40...+75 °C operating temp.
- Basic features

ModbusTCP



Price Point: \$\$



BasicLine Series B:

Best choice for feature-rich reliability & extensive approvals

- High-end
- PoE models
- Quality of Service (CoS & ToS)
- MAC frame filter (LLDP)
- AC/DC power supply
- Tool-free assembly
- Extensive approvals (CE, FCC, KCC, cULus, C1D2, IECEx, ATEX Zone 2, DNV, LR, ABS, BV, RINA)

EtherNet/IP



Advanced Line Fast Ethernet and Gigabit:

Best choice for comprehensive management with advanced security

- Extensive variants
- 40...+75 °C operating temp.

ModbusTCP

Features:

- Extensive security features
- Network management
- Redundancies
- Monitoring

EtherNet/IP



Price Point: \$\$\$



Single Pair Ethernet (SPE):

Best choice for long-reach networking over a single pair

- Simple & space-saving
- PoDL classes 10-14 (up to 50W)
- SCCP support
- Compatible with ethernet and IP based protocols
- 10 Base - T1L (10 Mbits/s)
- Distances up to 1000 meters



Substation Line:

Best choice utility-grade, fully managed for substation environments

- IEC 61850-3 & IEEE 1613 certified
- -40...+85 °C operating temp.
- 19" Rack models / Layer 3
- Modular switches

ModbusTCP



Value Line:

Best for Enhanced EMC, extensive security & key industrial approvals

- Multiple variants
- C1D2
- PoE models
- Extensive security features

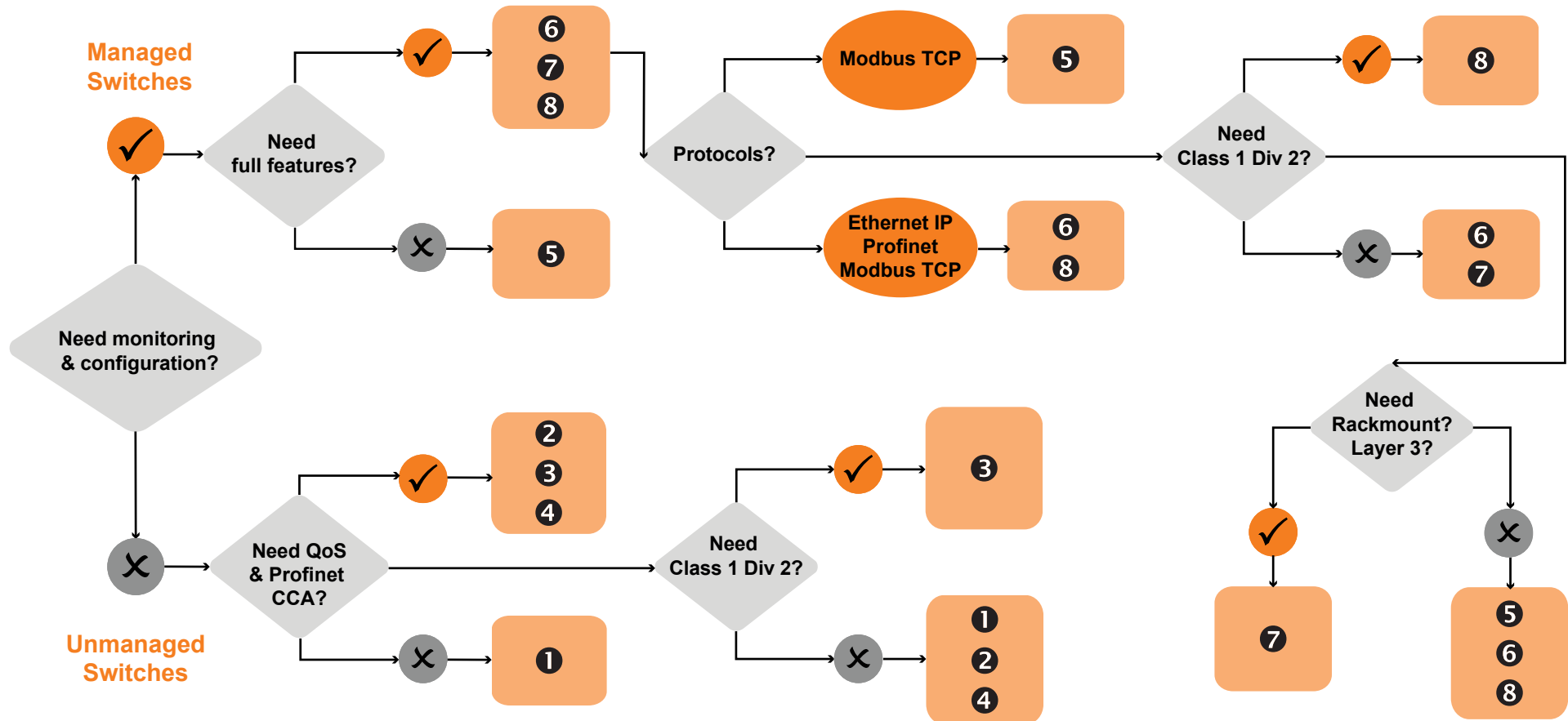
ModbusTCP

EtherNet/IP



Industrial Ethernet Switches Selection Guide

How to select the best switch for your application



Industrial Ethernet Switches Product Families

- | | |
|--|---|
| ❶ Unmanaged Switch: EcoLine | ❺ Managed Switch: Advanced Line Lite Managed |
| ❷ Unmanaged Switch: EcoLine Series B | ❻ Managed Switch: Advanced Line Fast Ethernet & Gigabit |
| ❸ Unmanaged Switch: BasicLine Series B | ❼ Managed Switch: Substation Line |
| ❹ Unmanaged Switch: Single Pair Ethernet (SPE) | ❽ Managed Switch: Value Line |



Learn more about our Industrial Ethernet Switches on our website:
www.weidmuller.com/switches