



Introducing the Xelity® family of Ethernet switches from Murrelektronik. Designed and produced in Germany, these high quality switches are available in three styles, IP20 Unmanaged, IP20 Managed and IP67 Managed. Each group has models with up to 10 ports of connectivity. Utilizing either RJ45 (IP20 Managed and Unmanaged) or M12 (IP67 Managed) connections, these switches make installations simple and reliable. Their numerous approvals (uULus, CE, UKCA, REACH, WEEE) and wider temperature range enables the Xelity® family to be used worldwide.

Related MURRELEKTRONIK Products

PoE



Xenterra



RJ45 Pro



RJ45 Heavy Duty



Ethernet Cable



IP20 UNMANAGED



IP20 MANAGED



Introducing Xelity® Ethernet switches from Murrelektronik. Designed and produced in Germany, these high quality switches are available in multiple configurations with up to 8 ports of connectivity. Utilizing push in connections, these switches make installations simple and reliable. The UL listing and wider temperature range enables the Xelity® family to be used worldwide. Xelity® is capable of prioritizing Profinet protocols while transferring data packages and can be used as a low cost alternative to PNIO managed switches.

Features Include:

- **Fast Ethernet (Art. No.: 58810, 58811, 58812):**
10/100BaseT(X) (RJ45), Full/Half-Duplex
- **Gigabit (Art. No.: 58813, 58814, 58815):**
10/100/1000BaseT(X) (RJ45), Full/Half-Duplex
Quick and easy installation
No programming required
Simple device replacement
Variety of models available
Prioritization of PROFINET telegrams

Xelity® IP20 Managed Switches give the network the option of setting up different topologies, like star or tree. In addition, the switches can perform other tasks including error analysis or network diagnostics. They optimize data transmission and provide network control through remote access.

The ProfiNet connection in the switch and configuration tool integration (TIA Portal via a GSDML file) simplify installation. Equipped with the latest Gigabit technology, your network is ready to handle future increases in data volumes.

These are available with or without ProfiNet, the open Industrial Ethernet standard for automation.

Features Include:

- VLAN management
- MicroSD card slot on the back, for saving the configuration
- NAT (Network Address Translation) for Non-ProfiNet switches
- TIA portal integration via GSDML file for ProfiNet switches
- Fast Gigabit data transfer rate
- Additionally supports LLDP, RSTP, SNMP v1/v2/v3, QoS, MRP(Profinet)

Article Number	58810	58811	58812	58813	58814	58815
Ports	4 x RJ45	6 x RJ45	8 x RJ45	4 x RJ45	6 x RJ45	8 x RJ45
Temperature Range	-25 - 60°C (storage temp. -40 - 85°C)			-40 - 75°C (storage temp. -40 - 85°C)		
Dimensions (H x W x D)	140 x 30 x 85.1mm		105 x 41.6 x 85.1mm	140 x 30 x 85.1mm		105 x 41.6 x 85.1mm
Status Display	LED					
Operating Voltage	9.5 - 31.5V DC			9 - 30V DC		
Connection	Push-in spring clamp terminal (FKDSO 2.5/L1)					
Transfer Rate	10/100Mbit/s full/half duplex			10/100/1000Mbit/s full/half-duplex		
Mounting	DIN Rail Mounting					
Housing	Black Plastic					
Approvals	cULus, CE, RoHS			cULus, UKCA, CE, KC, RoHS, REACH, WEEE		

Article Number	58820	58821 (Profinet)	58822	58823 (Profinet)	58824	58825 (Profinet)
Ports	4 x RJ45		6 x RJ45		8 x RJ45	
Temperature Range	-40 - 70°C (storage temperature -40 - 85°C)					
Dimensions (H x W x D)	140 x 30 x 85.1mm				105 x 41.6 x 85.1mm	
Status Display	LED					
Operating Voltage	9 - 30V DC					
Connection	Push-in spring clamp terminal (FKDSO 2.5/L1)					
Transfer Rate	10/100/1000 Mbit/s full/half-duplex					
Mounting	DIN Rail Mounting					
Housing	Gray Plastic					
Approvals	ULus, UKCA, CE, KC, RoHS, REACH, WEEE					



IP67 MANAGED

Murrelektronik's Xelity 10 TX IP67 switch opens up smart, decentralized data management for IIoT. With this managed switch, fail-safe networks can be implemented under the most difficult conditions in the most diverse application scenarios – including fast data flow rates of up to 10 x Gigabit in one switch. The biggest benefit is the availability of 10 ports in an enormously small, but very robust, IP67 rated metal housing.

- Three models:
 - 10 x 100 Mbit/s
 - 10 x 1000 Mbit/s,
 - 2 x 1000 Mbit/s + 8 x 100 Mbit/s
- 4 or 5-pole L-coded M12 Power Connection
- IP67 rated metal housing
- Shock and vibration proof
- Standard managed or ProfiNet managed
- With / without functional ground (4/5-pole)
- “Power Out” connection for power forwarding
- Standard managed version supports NAT and VLAN functionality
- Automatic neighborhood detection (LLDP)

Article Number	58840	58841	58842	58843	58844	58845
Ports	10x M12, D-coded		2x M12 X-coded, 8x M12 D-coded		10x M12 X-coded	
Supply Connection	2x M12 Power 4-pole, L-coded 2 x max 16 A					
Protocol	Ethernet	Profinet/Ethernet	Ethernet	Profinet/Ethernet	Ethernet	Profinet/Ethernet
Transfer Rate	10/100Mbit/s full/half duplex		10/100/1000 Mbit/s full/half duplex			
Temperature Range	-25 - 55 °C (-25 - 70 °C with derating) / -40 - 85 °C storage temperature					
Dimensions (H x W x D)	224.5 x 63 x 37.4mm					
Operating Voltage	9 - 30V DC					
Approvals	uULus, CE, UKCA, REACH, WEEE					

Article Number	58850	58851	58852	58853	58854	58855
Ports	10x M12, D-coded		2x M12 X-coded, 8x M12 D-coded		10x M12, X-coded	
Supply Connection	2x M12 Power 5-pole, L-coded 2 x max 16 A					
Protocol	Ethernet	Profinet/Ethernet	Ethernet	Profinet/Ethernet	Ethernet	Profinet/Ethernet
Transfer Rate	10/100Mbit/s full/half duplex		10/100/1000 Mbit/s full/half duplex			
Temperature Range	-25 - 55 °C (-25 - 70 °C with derating) / -40 - 85 °C storage temperature					
Dimensions (H x W x D)	224.5 x 63 x 37.4mm					
Operating Voltage	9 - 30V DC					
Approvals	uULus, CE, UKCA, REACH, WEEE					