COMPACT

MURR ELEKTRONIK

stay connected

UNMANAGED SWITCHES
MAXIMUM FLEXIBILITY WITH UP TO 8 PORTS

Murrelektronik's compact Tree switch series can combine up to eight Ethernet terminal devices and integrate them economically into a network. RJ45 ports support transfer rates of 10 or 100 Mbit/s. The transfers are automatically detected via an auto-negotiation function.

Murrelektronik's switches are suitable both for fast Ethernet and for networks with lower transfer rates. Thanks to an auto-crossing capacity, the interfaces detect which cables are connected. This avoids wiring errors.

A redundantly structured power supply ensures reliable operations. The biggest advantage of the unmanaged switches is that they do not have to be configured - completely different devices can be connected without any problems. Thanks to the Plug & Work technology, the switches can be quickly and conveniently installed.

For more information visit our homepage or online shop at: www.murrelektronik.com

FEATURES:

- Compact housing
- Auto-crossing
- Redundant supply voltage
- Overload and short-circuit protection
- 10/100Mbit (auto-negotiation)
- Automatic half- or full-duplex detection
- Wide temperature range

Now with cULus Approval

c**UL**us
Listed

Murrelektronik's switches are suitable for DIN rail mounting. Featuring a width of only 22.5 mm (with 4 ports) or 45 mm (with 8 ports), they don't take up much space. LEDs allow easy visual control for data rates and operating conditions.

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	Tree 4TX	Tree 8TX	Tree 6TX Eco	Tree 6TX Metal	Tree 8TX Metal
Art.-No.	**58154**	**58158**	**58170**	**58172**	**58171**
Ports	4 x RJ45	8 x RJ45	6 x RJ45	6 x RJ45	8 x RJ45
Temperature range	0...55 °C		0...60°C	-10...70°C	
Dimensions H x W x D	99 x 22,5 x 111 mm	99 x 45 x 111 mm	90 x 45,2 x 78 mm		
Status display	RUN-LED, link status green yellow per port				
Supply voltage	12...32 V DC,		9...30V DC		
Connection	Pluggable spring clamp term. 0.2...2.5 mm^2		Pluggable screw terminals 0.2...1.5 mm^2		
Transfer rate	10 / 100Mit/s				
Mounting	Snaps on DIN rail EN 50022				
Housing	Plastic			Metal	
Approvals			cULus		

Murrelektronik offers a comprehensive range of connectors to wire Ethernet/IP and system components. The connectors are sealed according to IP20 (RJ45) or IP67 (M12). The bus cable that is suitable for C-track applications enables a safe connection even under the highest demands.

ACCESSORIES

Description	Connection cable		Art.-No.
	Male M12 straight D-coded, 4-pole, shielded	– male M12 straight	*7000-44511-796 _ _ _ _*
	Male M12 straight D-coded, 4-pole, shielded	– Ethernet plug RJ45 straight	*7000-44711-796 _ _ _ _*
	Ethernet plug RJ45 straight CAT5, shielded	– Ethernet plug RJ45 straight	*7000-99711-796 _ _ _ _*

Cable length	to complete your article number	Art.-No.
	1,5 m	*0150*
	3,0 m	*0300*
	5,0 m	*0500*
	7,5 m	*0750*
	10 m	*1000*

Description		Art.-No.
	Ethernet adapter M12/RJ45, CAT 5 female/female 90°, D-coded, 4-pole, shielded	*7000-99052-0000000*