

M12 Ethernet Switches



	TN-5508 Series	TN-5510 Series	TN-5516 Series	TN-5518 Series	TN-5308 Series	TN-5308-PoE Series	EDS-305-M12 Series
Number of Ports							
Max. Number of Ports	8	10	16	18	8	8	5
Gigabit Ethernet, 10/100/1000 Mbps	---	2	---	2	---	---	---
Fast Ethernet, 10/100 Mbps	8	8	16	16	8	8 (4 PoE)	5
Power Supply							
12/24/36/48 VDC	√	√	√	√	√ (LV Model)	---	---
72/96/110 VDC	√	√	√	√	√ (MV Model)	---	---
80-300 VDC, 85-264 VAC	√	√	√	√	---	---	---
24 VDC	---	---	---	---	---	---	√
48 VDC	---	---	---	---	---	√	---
24 VAC	---	---	---	---	---	---	√
Installation Options							
DIN-Rail Mounting	w/ optional kit	w/ optional kit	w/ optional kit	w/ optional kit	w/ optional kit	w/ optional kit	w/ optional kit
Panel Mounting	√	√	√	√	√	√	√
Operating Temperature							
0 to 60°C	√	√	√	√	√	√	√
-40 to 75°C	√	√	√	√	√	√	√
Redundancy and Backup Options							
Turbo Ring (Recovery Time < 20 ms)	√	√	√	√	---	---	---
STP/RSTP	√	√	√	√	---	---	---
Network Management and Control							
IPv6	√	√	√	√	---	---	---
DHCP Option 66/67/82	√	√	√	√	---	---	---
IEEE 1588 PTP	√	√	√	√	---	---	---
LLDP	√	√	√	√	---	---	---
Modbus/TCP	√	√	√	√	---	---	---
IGMP/GMRP	√	√	√	√	---	---	---
Port Trunking	√	√	√	√	---	---	---
IEEE 802.1X	√	√	√	√	---	---	---
Port Lock	√	√	√	√	---	---	---
SNMP/RMON	√	√	√	√	---	---	---
VLAN	√	√	√	√	---	---	---
QoS	√	√	√	√	---	---	---
Relay Warning	√	√	√	√	---	---	---
Regulatory Approvals							
CE/FCC	√	√	√	√	√	√	√
UL508	Pending	Pending	Pending	Pending	Pending	Pending	√
Traffic Control Systems: NEMA TS2 e1	Pending Pending	Pending Pending	Pending Pending	Pending Pending	Pending Pending	Pending Pending	---
Railway Applications: EN50155 EN50121-3-2 EN50121-4	Pending Pending Pending	Pending Pending Pending	Pending Pending Pending	Pending Pending Pending	Pending Pending Pending	Pending Pending Pending	√ Pending Pending
DNV/GL	---	---	---	---	---	---	Pending

4

Industry-specific Ethernet Switches > Product Selection Guides