




Product information MACH1000, Gigabit Ethernet switch 2-20 ports, ports on rear - MAR1130- CCTTTTTTMMMMMMMMMMMM99999999UM9HPHH09.0.

Industrial Ethernet:Ruggedized Switches:Fast/Gigabit Ethernet Control Cabinet Switches:Gigabit Ethernet Control Cabinet Switches:with Classic Software 9.0:MACH1000, Gigabit Ethernet switch 2-20 ports, ports on rear
<https://www.e-catalog.beldensolutions.com:443/link/57078-24455-49846-49997-80036-437641-438057/en/MAR1130-CCTTTTTTMMMMMMMMMMMM99999999UM9HPHH09.0/uistate>

Name		MACH1000, Gigabit Ethernet switch 2-20 ports, ports on rear
		
		Industrial managed Fast/Gigabit Ethernet Switch, 19" rack mount, fanless design, according to IEEE 802.3, Store-and-Forward-Switching, ports on rear
Delivery informations		
Availability	available	
Product description		
Description	Industrial managed Fast/Gigabit Ethernet Switch, 19" rack mount, fanless design, according to IEEE 802.3, Store-and-Forward-Switching, ports on rear	
Port type and quantity	Gigabit-Ethernet ports in total: 2; 2 x Combo ports (10/100/1000BASE-TX RJ 45 plus FE/GE-SFP-slot; Fast-Ethernet ports in total: 16 x ports in total: 6 x Twisted Pair; 10 x Multimode SC;	
Type	MAR1130-CCTTTTTTMMMMMMMMMMMM99999999UM9HPHH09.0.	
Order No.	MAR1130-CCTTTTTTMMMMMMMMMMMM99999999UM9HPHH09.0.	
More Interfaces		
Power supply/signaling contact	Power supply 1: power supply 3 pin plug-in terminal block signal contact 2 pin plug-in terminal block; Power supply 2: not assembled	
V.24 interface	1 x RJ11 socket	
USB interface	1 x to connect auto-configuration adapter ACA21-USB	
Network size - length of cable		
Twisted pair (TP)	0 m ... 100 m	
Multimode fiber (MM) 50/125 µm	0 - 5000 m, 8 dB Link Budget at 1300 nm, A = 1 dB/km, 3 dB reserve, B = 800 MHz x km and cf. SFP modules M-SFPxx	
Multimode fiber (MM) 62.5/125 µm	0 - 4000 m, 11 dB Link Budget at 1300 nm, A = 1 dB/km, 3 dB reserve, B = 500 MHz x km and cf. SFP modules M-SFPxx	
Single mode fiber (SM) 9/125 µm	cf. SFP modules M-SFPxx	
Single mode fiber (LH) 9/125 µm (long haul transceiver)	cf. SFP modules M-SFPxx	
Network size - cascading		
Line - / star topology	Any	
Ring structure (HIPER-Ring) quantity switches	100 switches	
Power requirements		
Operating voltage	Power supply 1: 120/250 VDC, 110/230V VAC; Power supply 2: not assembled	
Current consumption at 230 V AC	Power supply 1 and 2: 150 mA (35W) max, if all ports are equipped with fiber	
Software		
Management	Dual Software Image Support; TFTP; LLDP (802.1AB); LLDP-MED; SSHv1; SSHv2; V.24; HTTP; HTTPS; Traps; SNMP v1/v2/v3; Telnet	
Diagnostics	Management Address Conflict Detection; Address Relearn Detection; MAC Notification; Signal Contact; Device Status Indication; TCPDump; LEDs; Syslog; Port Monitoring with Auto-Disable; Link Flap Detection; Overload Detection; Duplex Mismatch Detection; Link Speed and Duplex Monitoring; RMON (1,2,3,9); Port Mirroring 1:1;Port Mirroring 8:1; Port Mirroring N:1; System Information; Self-Tests on Cold Start; Copper Cable Test; SFP Management; Configuration Check Dialog; Switch Dump	
Configuration	AutoConfiguration Adapter ACA11 Limited Support (RS20/30/40, MS20/30); Automatic Configuration Undo (roll-back); Configuration Fingerprint; BOOTP/DHCP Client with Auto-Configuration; DHCP Server: per Port; DHCP Server: Pools per VLAN; DHCP Server: Option 43; AutoConfiguration Adapter ACA21/22 (USB); HiDiscovery; DHCP Relay with Option 82; Command Line Interface (CLI); CLI Scripting; Full-featured MIB Support; Web-based Management; Context-sensitive Help	
Security	IP-based Port Security; MAC-based Port Security; Port-based Access Control with 802.1X; Guest/unauthenticated VLAN; RADIUS VLAN Assignment; Multi-Client Authentication per Port; MAC Authentication Bypass; Access to Management restricted by VLAN; HTTPS Certificate Management; Restricted Management Access; Appropriate Use Banner; SNMP Logging; Local User Management; Remote Authentication via RADIUS	

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