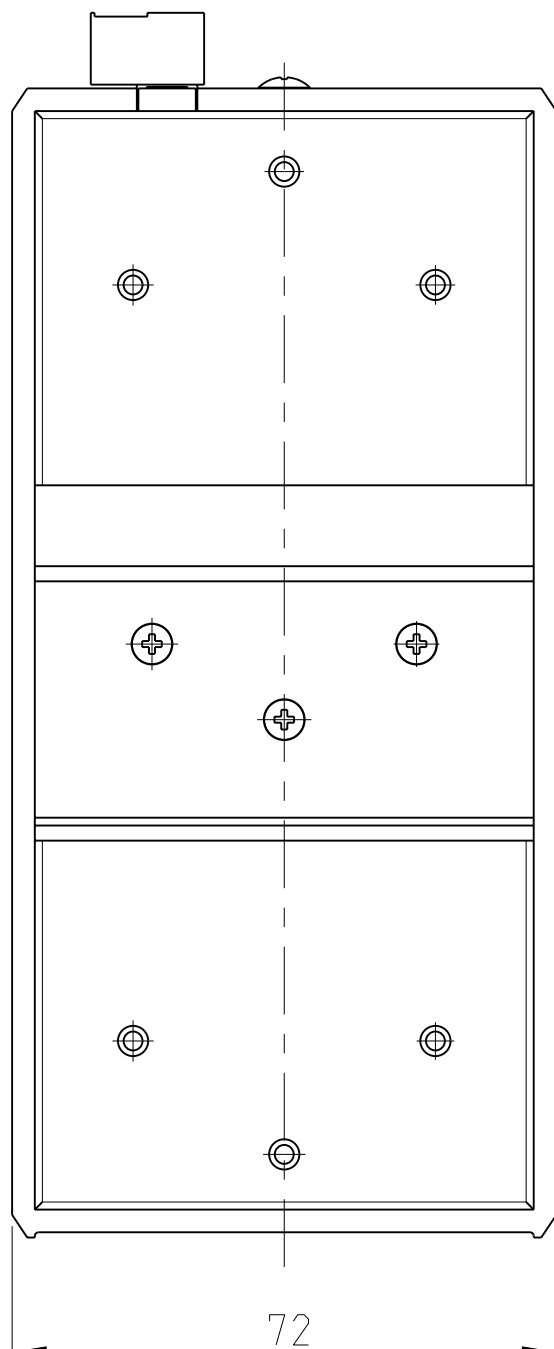


A

1987257-1 AS SHOWN



MANAGEMENT FUNCTION / FIRMWARE CAPABILITIES		
1.1	STANDARD COMPLIANCE	IEEE 802.1d/w - SPANNING TREE / RAPID SPANNING TREE IEEE 802.1p - CLASS OF SERVICE IEEE 802.1q - VLAN TAG IEEE 802.1x - USER AUTHENTICATION (RADIUS) IEEE 802.1ad LLDP
1.2	MANAGEMENT	SNMP v1, v2c AND v3 MANAGEMENT WEB INTERFACE MANAGEMENT COMMAND LINE INTERFACE MANAGEMENT VIA TELNET AND SERIAL PORT MANAGEMENT VIA TYCO ELECTRONICS SWITCH WARE
1.3	SNMP MIB	RFC 1215 TRAP, RFC 1213 MIB1I, RFC 1157 SNMP MIB, RFC 1493 BRIDGE MIB, RFC 2674 VLAN MIB, RFC 1643, RFC 1757, RSTP MIB, PRIVATE MIB, LLDP MIB
1.4	SNMP TRAP	UP TO 3 TRAP STATIONS, COLD START, PORT LINK UP, PORT LINK DOWN, AUTHENTICATION FAILURE, PRIVATE TRAP FOR POWER STATUS, PORT ALARM CONFIGURATION, FAULT ALARM, X-RING TOPOLOGY CHANGE
1.5	X-RING / X-RING plus	X-RING, DUAL HOMING, COUPLED RING RECOVERY TIME BELOW 20ms
1.6	VLAN	PORT BASED VLAN, IEEE802.1q TAG VLAN (256 ENTRIES), VLAN ID (1...4096, UP TO 4K IN NUMBER), GVRP (256 GROUPS)
1.7	PORT TRUNK WITH LACP	LACP PORT TRUNK: 4 TRUNK GROUPS, MAX. 4 TRUNK MEMBERS
1.8	LLDP	SUPPORTS LLDP
1.9	QUALITY OF SERVICE	QoS BY PORT, TAG, IPv4 TYPE OF SERVICE, IPv4/IPv6 DIFFERENT SERVICE
1.10	CLASS OF SERVICE	IEEE 802.1p CLASS OF SERVICE, 4 PRIORITY QUEUES PER PORT
1.11	IGMP	IGMP SNOOPING v1, v2, v3; UP TO 256 MULTICAST GROUPS, IGMP QUERY
1.12	SMTP	ALERT NOTIFICATION VIA SMTP, UP TO 6 E-MAIL ACCOUNTS
1.13	SNTP	SYSTEM CLOCK SYNCHRONIZATION
1.14	IP SECURITY	IP ADDRESS BASED MANAGEMENT ACCESS CONTROL (UP TO 10 IP ADDRESSES)
1.15	LOGIN SECURITY	IEEE 802.1x AUTHENTICATION (RADIUS)
1.16	PORT SECURITY	100 STATIC MAC ENTRIES, 100 MAC FILTER ENTRIES
1.17	PORT MIRROR	TX ONLY, RX ONLY, BOTH TX AND RX
1.18	FIRMWARE UPDATE AND BACKUP CAPABILITY	TFTP FIRMWARE UPGRADE, TFTP BACKUP AND RESTORE
1.19	BANDWIDTH CONTROL	INGRESS PACKET FILTER AND EGRESS RATE LIMIT 100K...250Mbps BROADCAST/MULTICAST/UNICAST PACKET FILTER CONTROL
1.20	SYSLOG	SYSTEM LOG RECORD AND REMOTE SYSLOG SERVER SUPPORT
1.21	DHCP	DHCP CLIENT SUPPORT, DHCP SERVER CAPABILITY
1.22	DNS	DNS CLIENT FEATURE (PRIMARY AND SECONDARY DNS SERVER)

HARDWARE SPECIFICATION

2.1	ETHERNET STANDARD COMPLIANCE	IEEE 802.3 - 10BASE-T IEEE 802.3u - 100BASE-TX AND 100BASE-FX • IEEE 802.3ab - 1000BASE-T IEEE 802.3z - 1000BASE-SX/LX • IEEE 802.3x - FLOW CONTROL AND BACK PRESSURE IEEE 802.3ad - PORT TRUNK WITH LACP
2.2	SWITCH ARCHITECTURE	STORE-AND-FORWARD SWITCHING ARCHITECTURE BACK-PLANE (SWITCHING FABRIC): 5.6Gpps PACKET THROUGHPUT ABILITY (FULL DUPLEX): 8.3Mpps @ 64bytes
2.3	TRANSFER RATE	10BASE-T PORT: 14 800pps 100BASE-TX/FX PORT: 14.8 800pps 1000BASE-T/SX/LX PORT: 1 488 000pps
2.4	MAC ADDRESS	8K MAC ADDRESS TABLE
2.5	ETHERNET PORTS	- 8x 10/100TX RJ-45 WITH AUTO MDI/MDI-X SUPPORT (P1 ... P8) - SFP-COMBO: 2x 10/100/1000T RJ-45 + 2x 100/1000 SFP SOCKETS (P9/P10)
2.6	LED	PER UNIT: POWER (GREEN), POWER 1 (GREEN), POWER 2 (GREEN), FAULT (RED), RING MASTER (GREEN) PER PORT (P1 ... P8): LINK/ACTIVITY (GREEN), FULL DUPLEX/COLLISION (YELLOW) PER PORT (P9/P10) - RJ45: LINK/ACTIVITY (GREEN), SPEED (GREEN) PER PORT (P9/P10) - SFP: LINK/ACTIVITY (GREEN)
2.7	POWER SUPPLY	WIDE RANGE SUPPLY: 12 TO 48 V DC REVERSE POLARITY PROTECTED OVERLOAD CURRENT PROTECTED
2.8	POWER CONSUMPTION	16.8 WATTS
2.9	ALERT RELAY	RELAY CONTACT FOR PORT BREAKDOWN AND POWER FAIL. CURRENT CARRYING CAPABILITY: 1A @ 24 VDC

TYCO ELECTRONICS
ORDER NO.
BESTELL-NR.

1	-	2	8 10/100TX + 2 10/100/1000T/SFP-COMBO MANAGED SWITCH TES-802M-GU-SFP-COMBO-E WIDE OPERATING TEMPERATURE RANGE -40 °C TO 75 °C
-	1	1	8 10/100TX + 2 10/100/1000T/SFP-COMBO MANAGED SWITCH TES-802M-GU-SFP-COMBO STANDARD OPERATING TEMPERATURE RANGE -10 °C TO 60 °C

QUANTITY STUECK		ITEM NO. POS.		DESCRIPTION BENENNUNG	
1. THE DRAWING IS A CONTROL DOCUMENT FOR THE MANUFACTURING OPERATION. 2. IT IS NOT TO BE USED FOR THE DESIGN OF OTHER PARTS. 3. IT IS NOT TO BE CONTAINED FOR THE LATEST REVISION. 4. THE DIMENSIONS AND TOLERANCES ARE TO BE OBSERVED EXACTLY. 5. THE DIMENSIONS AND TOLERANCES ARE TO BE OBSERVED EXACTLY. 6. THE DIMENSIONS AND TOLERANCES ARE TO BE OBSERVED EXACTLY.				OWN S-STOLZ 18DEC2007 CHK B. BERGMER 18DEC2007 APVD R. KRAEMER 18DEC2007	Tyco Electronics AMP GmbH 64625 Bensheim (Germany)
DIMENSIONS: mm 				TOLERANCES UNLESS OTHERWISE SPECIFIED: ALLE MASSTOLERANZEN 0 P.LC ±0 1 P.LC ±0.1 2 P.LC ±0.1 3 P.LC ±0.1 4 P.LC ±0.1 ANGLES IN DEGREE 1 IN 1:1000000 ±0.05	NAME MANAGED IND. ETHERNET SWITCH TES-802M-GU-SFP-COMBO-(E) 8x 10/100BASE-TX + 2x GIGABIT-COMBO
MATERIAL -				SIZE 950 g WEIGHT 950 g	DRAWING NO. 0100779 SCALE 1:1 SHEET 1 of 1 REV. A
CUSTOMER DRAWING				/KUNDENZIECHUNG	

ALL MOUNTING KIT
ENCLOSED

W ANDMONTAGE-BAUSATZ
BEILIEGEND

4-USER MANUAL CD ENCLOSED
(CONTAINS USER MANUAL AND
CONFIGURATION SOFTWARE)

BEDIENUNGSANLEITUNGS-CD BEILIEGEND
(ENTHAELT BEDIENUNGSANLEITUNG UND
KONFIGURATIONS-SOFTWARE)

-RS-232 / RJ45 CONNECTOR CABLE
ENCLOSED

RS-232 / RJ45 CONNECTOR KABEL
BEILIEGEND

DUST COVER
FOR SFP PORT
2 x ENCLOSED

STAUBSCHUTZKAPPE
FÜR SFP EINGANG
2 x BELEGEND

DUST COVER
FOR RJ45 PORT
11 x ENCLOSED

STAUBSCHUTZKAPPE
FÜR RJ45-EINGANG
11 x BEILIEGEND