SIEMENS

Product type designation	**ELS TP40M**
	SIMATIC NET, ELS TP40M ELECTRICAL LEAN SWITCH W. TWO 10/100MBIT/S INSUL. DISPLACEM. CONNECT. FOR CONFIGURING A LINE TOPOGRAPHY AND TWO 10/100 MBIT/S RJ45 PORTS, WEB DIAGNOSIS FUNCTIONALITY TROUGH SNMP, 24V DC SUPPLY

Transmission rate	
Transfer rate	10 Mbit/s, 100 Mbit/s

Interfaces / for communication / integrated	
Number of electrical connections	
• for network components or terminal equipment	4
Number of 100 Mbit/s SC ports	
• for multimode	0
Number of 1000 Mbit/s LC ports	
• for multimode	0
• for single mode (LD)	0

Interfaces / others	
Number of electrical connections	
• for power supply	1
Type of electrical connection	
• for power supply	3-pole terminal block

Supply voltage, current consumption, power loss	
Type of voltage / of the supply voltage	DC

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Supply voltage	
• external	24 V
• external	18 ... 32 V
Product component / fusing at power supply input	Yes
Fuse protection type / at input for supply voltage	0.6 A / 60 V
Consumed current / maximum	0.2 A
Power loss [W]	
• at DC / at 24 V	4.8 W

Permitted ambient conditions

Ambient temperature	
• during operation	0 ... 60 °C
• during storage	-40 ... +80 °C
• during transport	-40 ... +80 °C
Relative humidity	
• at 25 °C / without condensation / during operation / maximum	95 %
Protection class IP	IP20

Design, dimensions and weight

Width	145 mm
Height	136.5 mm
Depth	69 mm
Net weight	0.95 kg
Mounting type	
• 19-inch installation	No
• 35 mm DIN rail mounting	Yes
• wall mounting	Yes
• S7-300 rail mounting	Yes
• S7-1500 rail mounting	No
• fixed-mounted	No

Product functions / management, configuration

Product function	
• web-based management	Yes
• MIB support	Yes
• TRAPs via email	Yes
• multiport mirroring	No
• switch-managed	No
Protocol / is supported	
• SNMP v1	Yes

Product functions / Diagnosis

Product function	
• Error statistics	Yes

Product functions / DHCP

Product function	
• DHCP client	Yes

Product functions / Redundancy

Product function	
• Parallel Redundancy Protocol (PRP)/operation in the PRP-network	No
• Parallel Redundancy Protocol (PRP)/Redundant Network Access (RNA)	No

Standards, specifications, approvals

Standard	
• for FM	FM3611
• for safety / from CSA and UL	UL 1950, CSA C22.2 No. 950
Certificate of suitability / CE marking	Yes
Certificate of suitability	
• C-Tick	Yes
• KC approval	No
MTBF / at 40 °C	51 y

Further Information / Internet Links

Internet-Link	
• to website: Selector SIMATIC NET SELECTION TOOL	http://www.siemens.com/snst
• to website: Industrial communication	http://www.siemens.com/simatic-net
• to website: Industry Mall	https://mall.industry.siemens.com
• to website: Information and Download Center	http://www.siemens.com/industry/infocenter
• to website: Image database	http://automation.siemens.com/bilddb
• to website: CAx Download Manager	http://www.siemens.com/cax
• to website: Industry Online Support	https://support.industry.siemens.com

Security information

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