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Schneider Electric TM4ES4 Module Network Ethernet Switchs Instruction Manual

TM4ES4 / TM4PDPS1
www.se.com

EAV4788605

Contents

TM4ES4 Module Network Ethernet Switchs

DANGER

HAZARD OF ELECTRIC SHOCK, EXPLOSION OR ARC FLASH

- Disconnect all power from all equipment including connected devices prior to removing any covers or doors, or installing or removing any accessories, hardware, cables, or wires except under the specific conditions specified in the appropriate hardware guide for this equipment.
- Always use a properly rated voltage sensing device to confirm the power is off where and when indicated.
- Replace and secure all covers, accessories, hardware, cables, and wires and confirm that a proper ground connection exists before applying power to the unit.
- Use only the specified voltage when operating this equipment and any associated products.

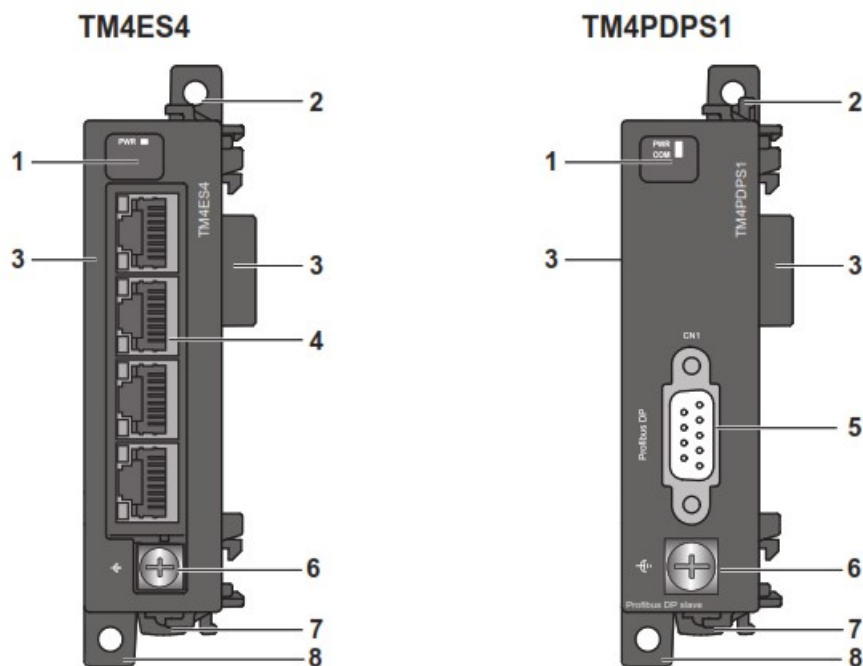**Failure to follow these instructions will result in death or serious injury.**

⚠ **DANGER**

POTENTIAL FOR EXPLOSION

1. Only use this equipment in non-hazardous locations, or in locations that comply with Class I, Division 2, Groups A, B, C and D.
2. Do not substitute components which would impair compliance to Class I Division 2.
3. Do not connect or disconnect equipment unless power has been removed or the area is known to be non-hazardous.

Failure to follow these instructions will result in death or serious injury.
Electrical equipment should be installed, operated, serviced, and maintained only by qualified personnel.
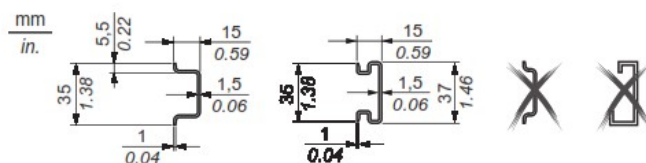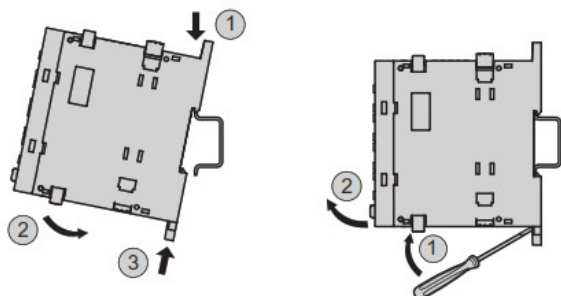No responsibility is assumed by Schneider Electric for any consequences arising out of the use of this material.
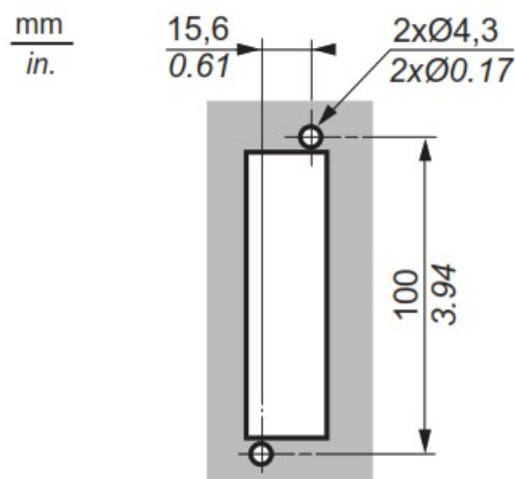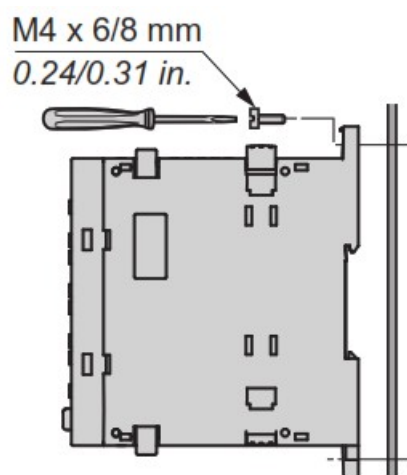

TM4ES4   TM4PDPS1

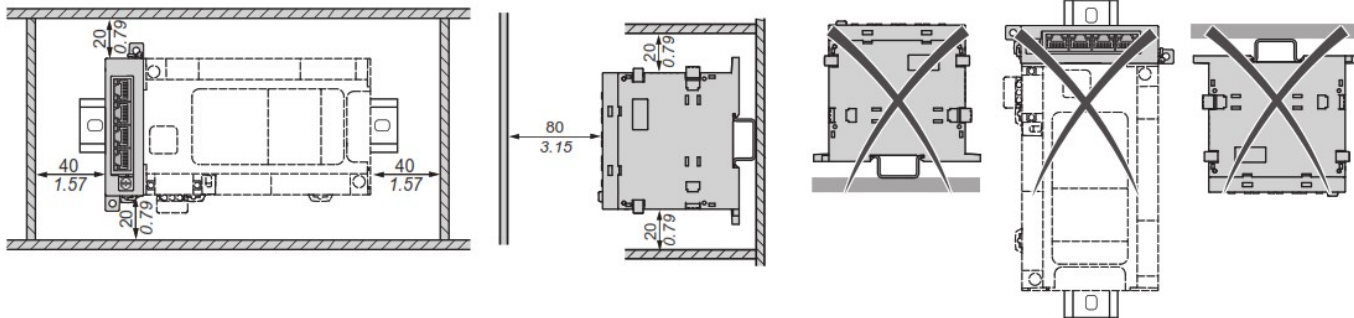|	
1 – Status LEDs	5 – Profibus DP port
2 – Locking device	6 – Functional ground screw
3 – Expansion connector	7 – Clip-on lock for 35-mm (1.38 in.) top h
4 – 4 Ethernet ports	8 – Screwing plate

Mounting

Panel

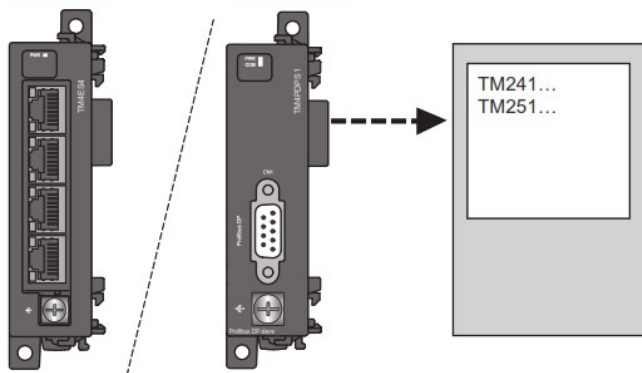⚠ **WARNING**

UNINTENDED EQUIPMENT OPERATION

- Use appropriate safety interlocks where personnel and/or equipment hazards exist.
- Install and operate this equipment in an enclosure appropriately rated for its intended environment and secured by a keyed or tooled locking mechanism.
- Power line and output circuits must be wired and fused in compliance with local and national regulatory requirements for the rated current and voltage of the particular equipment.
- Do not use this equipment in safety-critical machine functions unless the equipment is otherwise designated as functional safety equipment and conforming to applicable regulations and standards.
- Do not disassemble, repair, or modify this equipment.
- Do not connect any wiring to reserved, unused connections, or to connections designated as No Connection (N.C.).

Failure to follow these instructions can result in death, serious injury, or equipment damage.
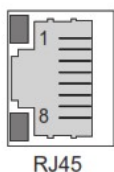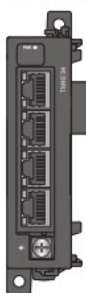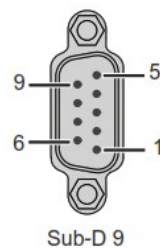
TM4ES4 | **TM4PDPS1**

TM241…
TM251…

Phillips Ph2 | C | | N•m | 0,5
 | | | lb-in | 4.4

TM4ES4

RJ45

Pin N°	Ethernet
1	TD +
2	TD –
3	RD+
4	–
5	–
6	RD –
7	–
8	–

TM4PDPS1

Sub-D 9

Pin N°	Profibus
1	N.C.
2	N.C.
3	RxD/TxD-P
4	CNTR-P
5	DGND
6	VP
7	N.C.
8	RxD/TxD-N
9	N.C.

⚠️ **WARNING**

UNINTENDED EQUIPMENT OPERATION
Do not connect wires to unused terminals and/or terminals indicated as "No Connection (N.C.)".
Failure to follow these instructions can result in death, serious injury, or equipment damage.

Part Name	Hazardous Substances					
	(Pb)	(Hg)	(Cd)	(Cr (VI))	(PBB)	(PBDE)
Metal parts	O	O	O	O	O	O
Plastic parts	O	O	O	O	O	O
Electronic	X	O	O	O	O	O
Contacts	O	O	O	O	O	O
Cables & cabling accessories	O	O	O	O	O	O

This table is made according to SJ/T 11364.
O: Indicates that the concentration of hazardous substance in all of the homogeneous materials for this part is below the limit as stipulated in GB/T 26572.
X: Indicates that concentration of hazardous substance in at least one of the homogeneous materials used for this part is above the limit as stipulated in GB/T 26572.

UK Representative

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Documents / Resources

Schneider Electric TM4ES4 Module Network Ethernet Switchs [pdf] Instruction Manual
TM4ES4 Module Network Ethernet Switchs, TM4ES4, Module Network Ethernet Switchs, Network Ethernet Switchs, Ethernet Switchs, Switchs

References

- ⚡ **Schneider Electric Global | Global Specialist in Energy Management and Automation**