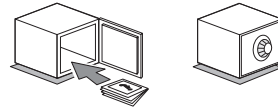


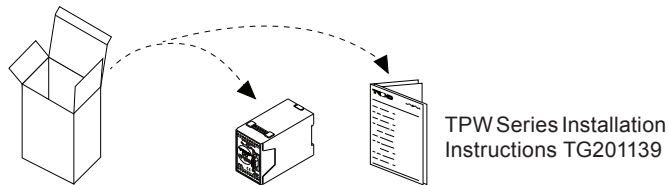
Important: Retain these instructions



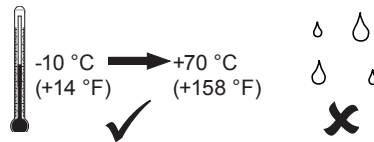
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2	Storing	1	4	Disposal	4
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1 UNPACKING



2 STORING



3 INSTALLATION

It is recommended that the installation should comply with the HSE Memorandum of Guidance on Electricity at Work Regulations 1989. For USA, install equipment in accordance with National Electric Code

1 Dimensions

2 Mounting Requirements

0 °C → +55 °C
+32 °F → +122 °F ✓

Protection IP40

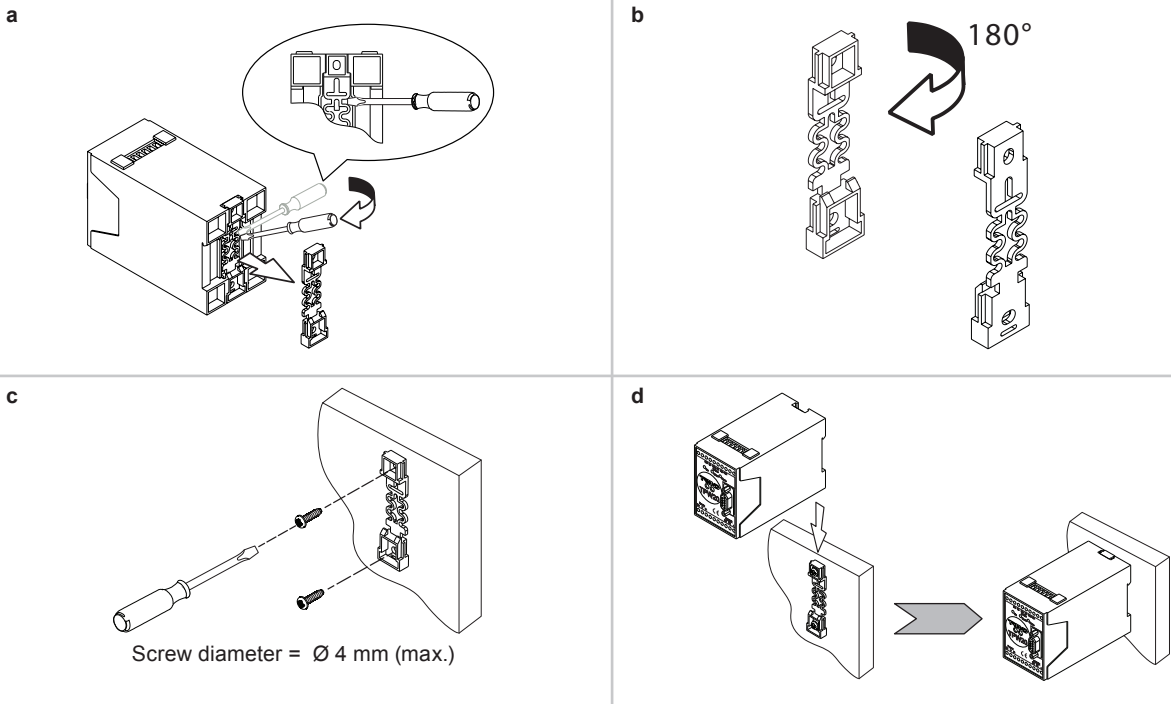
3 Mount Unit

Either mount on DIN rail

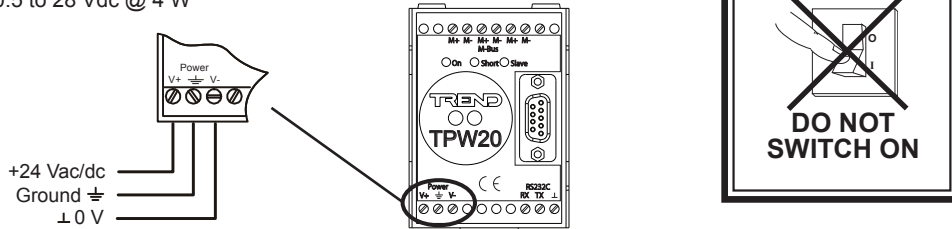
continued on next page →

3 INSTALLATION (continued)

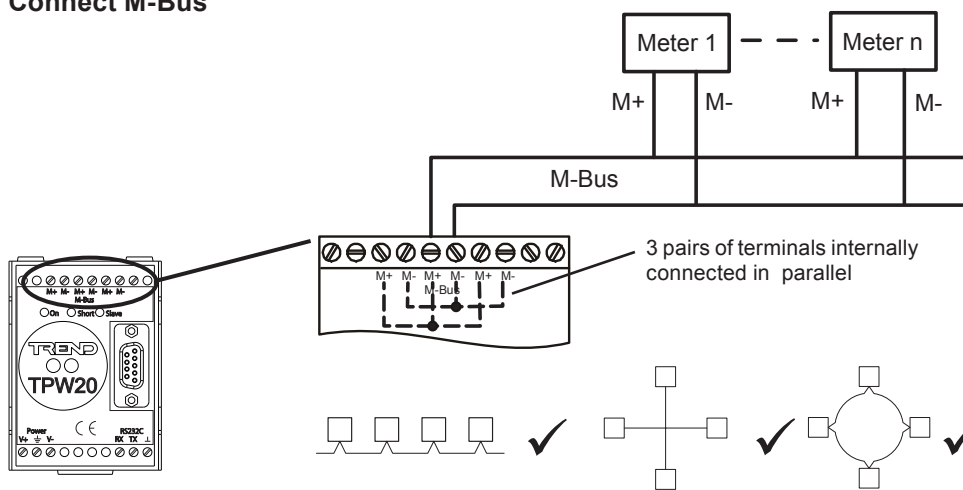
3 Mount Unit (continued) or mount to surface



4 Connect Supply Input to Unit
10 to 27 Vac @ 6 W
10.5 to 28 Vdc @ 4 W



5 Connect M-Bus



TPW is master, meters are slaves.
TPW3 can drive up to 3 meters; TPW20 up to 20 meters.
Meter secondary address must be unique on bus.

continued on next page →

3 INSTALLATION (continued)

5 Connect M-Bus (continued)

M-Bus cable length e.g. cable type J-Y(ST)Y to DIN VDE 0815, 2 wire, 0.8 mm diameter (or equivalent):

Baud rate	9600	2400	300
Total length of wiring	>1000 m	>4000 m	>12000 m

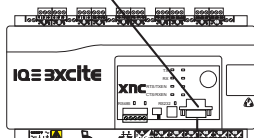
M-Bus max. distance (between TPW and meters) e.g. using J-Y(ST)Y cable as adjacent:

Unit	No. of slaves	Max. distance
TPW3	3	7000 m
TPW20	5	6900 m
	10	5100 m
	20	3200 m

6 Connect to M-Bus Controller using RS232

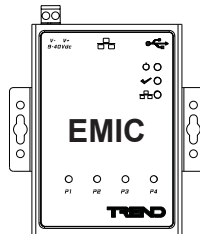
Baud rate: 300 to 9600 Baud

e.g. IQ3/XNC/M-Bus driver
9 Way D plug



9 Way D socket

e.g. EMIC/MBA



RJ45

cable supplied (EJ107008)

9 Way D plug

Straight through cable

RS232

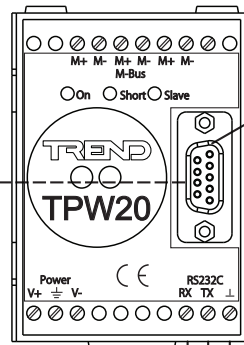
either

or

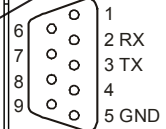
RX

TX

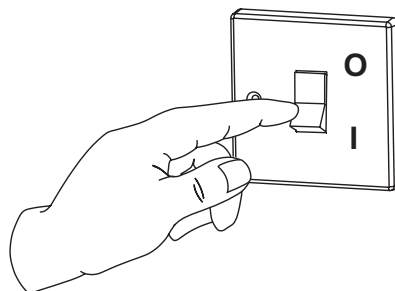
GND



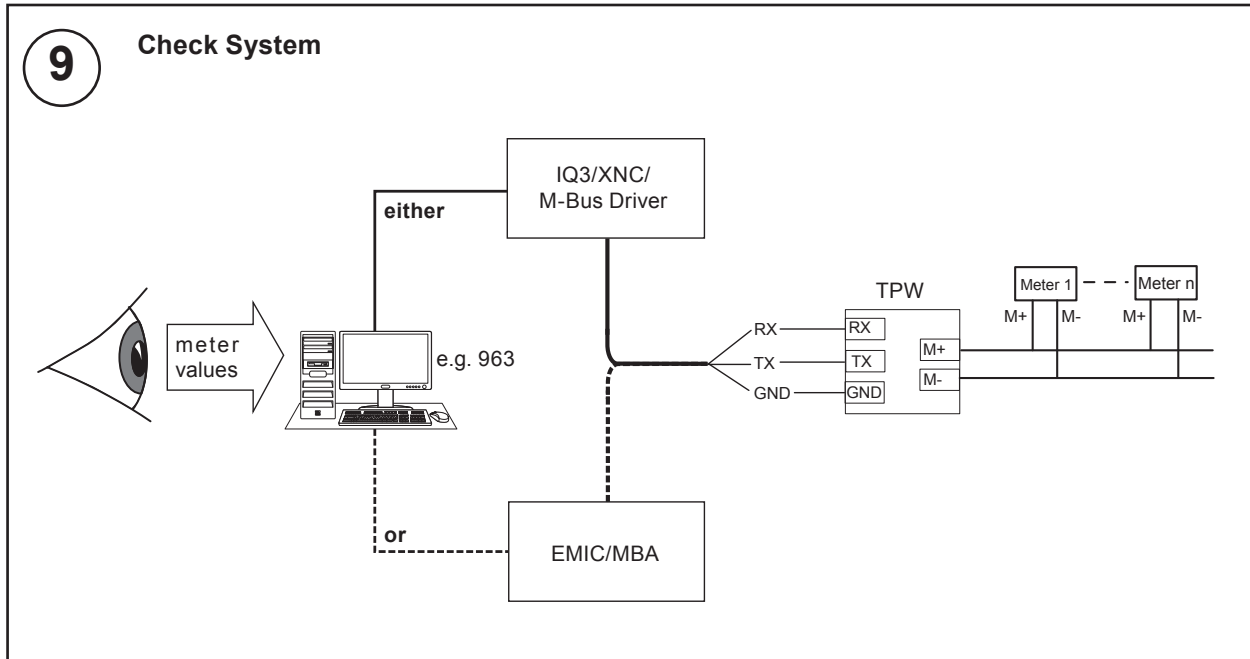
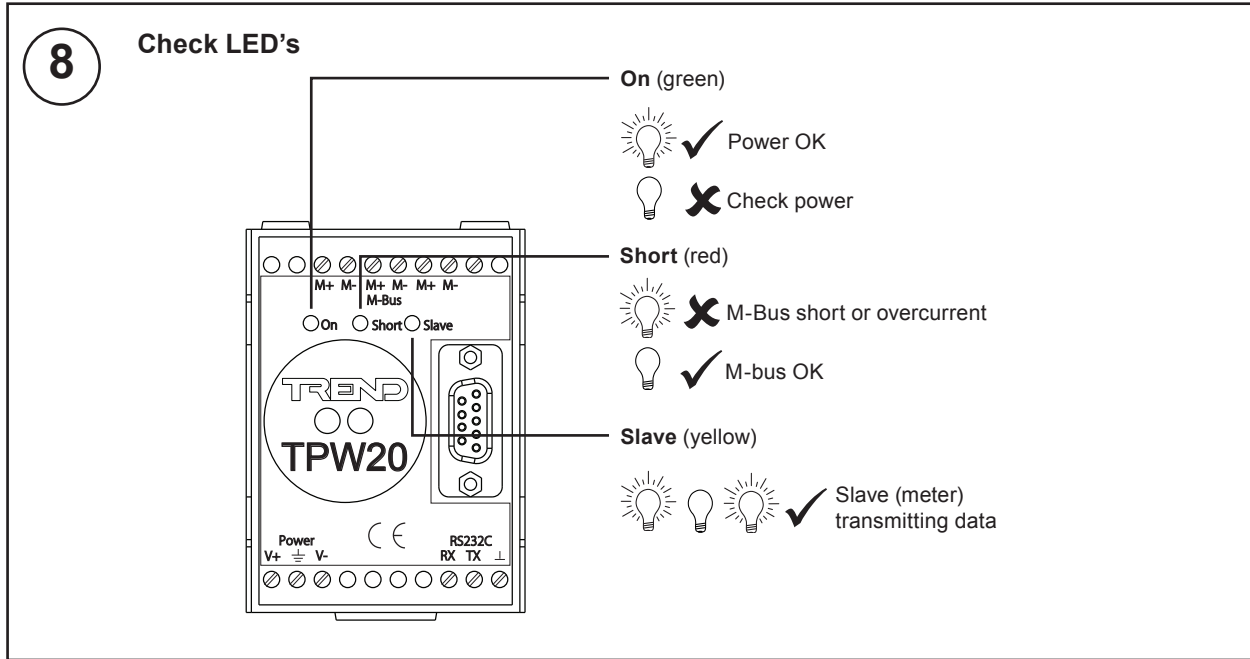
9 Way D socket




7 Switch On Unit



3 INSTALLATION (continued)



4 DISPOSAL

 **WEEE Directive:**
 At the end of their useful life the packaging and product should be disposed of by a suitable recycling centre.
 Do not dispose of with normal household waste.
 Do not burn.

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