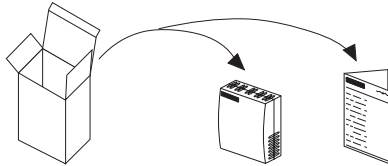**Important: Retain these instructions**

UNPACKING

T/PS Installation
Instructions TG200760

INSTALLATION

1 Dimensions

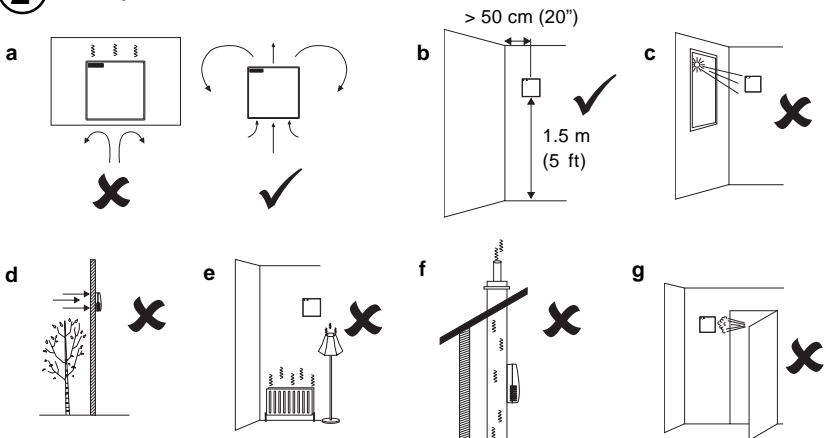85 mm (3.35")

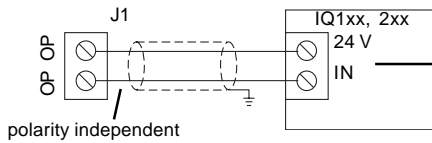85 mm (3.35")   26 mm (1.02")

2 Requirements

a

b   > 50 cm (20")

1.5 m
(5 ft)

c

d

e

f

g

INSTALLATION (continued)

② Requirements (continued)

j -10 °C ➝ +50 °C
(14 °F)   (122 °F) ✓

0 °C ➝ +40 °C measurement
(32 °F)   (104 °F)

h   **i**

H_2O 0 %RH ➝ 90 %RH ✓

l

k

---

③ Remove backplate

a   **b**

---

④ Mount backplate

BESA box

Do not use centre
2nd hole down as
screw will foul the
potentiometers

35 mm (1.38")   35 mm
(1.38")

---

wall box

60 mm (2.36")

FR
ABS
✓

---

wall

35 mm (1.38")

35 mm (1.38")

---

⑤ Remove cutout(s)

as required

---

⑥ Route cables

INSTALLATION (continued)

7   **Wire to controller**

Terminal size 0.5 to 2.5 mm^2 (14 to 20 AWG)

J1   IQ1xx, 2xx   24 V

OP OP   IN

polarity independent
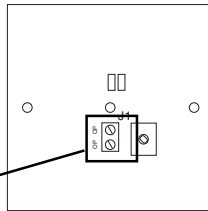
Analogue input channel linked for loop powered current (I)

I

J1   IQ3

            0 (0 V)

OP OP   N (in)

            + (+24 V)

polarity independent
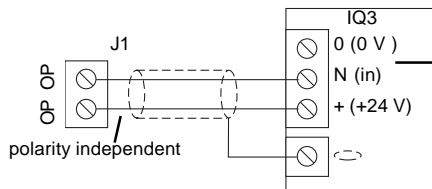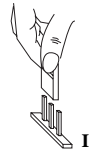
Universal input channel linked for current (I)

I

8   **Assemble unit**

'click'
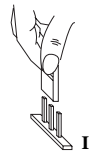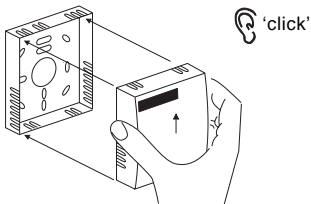
INSTALLATION (continued)

9 **Set up IQ Sensor type**

It is recommended to use SET (software tool) for the setting of the sensor type module. For all IQ2 series controllers with firmware version 2.1 or greater, or IQ3 series controllers, select the appropriate SET Unique Reference from the following:
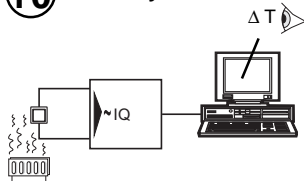
PRT I -10+40 (°C)
PRT I +14+104 F (°F)

Alternatively enter scaling manually as defined in table below with mode set to 5 (characterise).

For all other IQ controllers see Sensor Scaling Reference Card TB100521A.

Units		°C	°F
Y	Input type	2 (current)	
E	Exponent	3	
U	Upper	40	104
L	Lower	-10	14
P	Points	2	
x	Ix	**Ox (°C)**	**Ox (°F)**
1	4	-10	14
2	20	40	104

10 **Test system**

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.