

PSU/PSD  
PSU TW3 /PSD TW3

Triangle hook 2pcs  
Installation bracket 2pcs  
Gland cable ring 2pcs  
Gland PG13.5 1pcs  
Seal plug 2pcs  
Nut M3 2pcs  
Bolt M3X40 2pcs

Triangle hook 2pcs  
Installation bracket 2pcs  
Gland cable 1 pcs / 2pcs(TW1)  
Black glue stick 1 pcs / 2pcs(TW1)  
Seal plug 2pcs  
Nut M3 2pcs  
Bolt M3X40 2pcs

WT120C G3 / WT121C 0



|                                      |   |     |      |   |                                 |   |     |      |    |
|--------------------------------------|---|-----|------|---|---------------------------------|---|-----|------|----|
| WT120C G3 205/840 PSU L600           | C | No  | 0.75 | + | WT120C G3 405/840 PSD L600      | C | No  | 0.80 | +  |
| WT120C G3 405/840 PSU L600           | C | No  | 0.75 | + | WT120C G3 605/840 PSD L1200     | C | Yes | 1.35 | +  |
| WT120C G3 275/840 PSU L1200          | C | Yes | 1.28 | + | WT120C G3 805/840 PSD L1200     | C | Yes | 1.37 | +  |
| WT120C G3 405/840 PSU L1200          | C | Yes | 1.28 | + | WT120C G3 805/840 PSD L1500     | C | Yes | 1.71 | +  |
| WT120C G3 305/840 PSU L1200          | C | Yes | 1.28 | + | WT120C G3 1105/840 PSD L1500    | C | No  | 1.71 | +  |
| WT120C G3 805/840 PSU L1200          | C | Yes | 1.28 | + | WT120C G3 805/840 UE PSD L1200  | B | Yes | 1.37 | +  |
| WT120C G3 405/830 PSU L1200          | C | Yes | 1.28 | + | WT120C G3 805/840 UE PSD L1500  | B | Yes | 1.71 | +  |
| WT120C G3 405/865 PSU L1200          | C | Yes | 1.28 | + | WT120C G3 405/840 PSD TW1 L600  | C | No  | 0.92 | 53 |
| WT121C G3 405/840 PSU L1200          | C | Yes | 1.28 | + | WT120C G3 405/840 PSD TW3 L1200 | C | Yes | 1.54 | 53 |
| WT120C G3 345/840 PSU L1500          | C | Yes | 1.55 | + | WT120C G3 805/840 PSD TW3 L1200 | C | Yes | 1.54 | 27 |
| WT120C G3 605/840 PSU L1500          | C | Yes | 1.55 | + | WT120C G3 805/840 PSD TW3 L1500 | C | Yes | 1.92 | 35 |
| WT121C G3 605/840 PSU L1500          | C | Yes | 1.55 | + | WT120C G3 805/840 PSD TW3 L1500 | C | Yes | 1.92 | 27 |
| WT120C G3 805/840 PSU L1500          | C | Yes | 1.55 | + |                                 |   |     |      |    |
| WT120C G3 1005/840 PSU L1500         | C | Yes | 1.55 | + |                                 |   |     |      |    |
| WT120C G3 1205/840 PSU L1500         | C | No  | 1.60 | + |                                 |   |     |      |    |
| WT120C G3 605/830 PSU L1500          | C | Yes | 1.55 | + |                                 |   |     |      |    |
| WT120C G3 345/865 PSU L1500          | C | Yes | 1.55 | + |                                 |   |     |      |    |
| WT120C G3 605/865 PSU L1500          | C | Yes | 1.55 | + |                                 |   |     |      |    |
| WT120C G3 405/840 UE PSU L1200       | B | Yes | 1.28 | + |                                 |   |     |      |    |
| WT120C G3 605/840 UE PSU L1500       | B | Yes | 1.55 | + |                                 |   |     |      |    |
| WT120C G3 1405/840 UE PSU L1500      | B | No  | 1.71 | + |                                 |   |     |      |    |
| WT120C G3 24_29_35_405/840 PSU L600  | C | No  | 0.75 | + |                                 |   |     |      |    |
| WT120C G3 27_33_39_465/830 PSU L1200 | C | Yes | 1.28 | + |                                 |   |     |      |    |

The diagram shows a side view of a PSU/PSD unit. It has a rectangular shape with a circular terminal labeled 'C' on the right side. Two horizontal lines extend from the left side, labeled 'E max' and 'E min'. Below the unit, there is a 'PHILIPS' logo and a dimension line indicating a length of '8'.

|                                            |   |     |      |      |
|--------------------------------------------|---|-----|------|------|
| WT120C G3 60S/86S PSU L1500                | C | Yes | 1.55 | *    |
| WT120C G3 40S/84U UE PSU L1200             | B | Yes | 1.28 | *    |
| WT120C G3 80S/84U UE PSU L1500             | B | Yes | 1.55 | *    |
| WT120C G3 14S/84U UE PSU L1500             | B | No  | 1.71 | *    |
| WT120C G3 24_29_35_40S/84R PSU L600        | C | No  | 0.75 | *    |
| WT120C G3 27_33_39_46S/84R PSU L1200       | C | Yes | 1.28 | *    |
| WT120C G3 27_33_39_46S/84R PSU L1200       | C | Yes | 1.28 | *    |
| WT120C G3 27_33_39_46S/84R PSU L1200       | C | Yes | 1.28 | *    |
| WT121G G3 27_33_39_46S/84R PSU L1200       | C | Yes | 1.28 | *    |
| WT120C G3 35_43_51_60S/84R PSU L1500       | C | Yes | 1.55 | *    |
| WT120C G3 35_43_51_60S/84R PSU L1500       | C | Yes | 1.55 | *    |
| WT120C G3 35_43_51_60S/84R PSU L1500       | C | Yes | 1.55 | *    |
| WT120C G3 35_43_51_60S/84R PSU L1500       | C | Yes | 1.55 | *    |
| WT120C G3 35_43_51_60S/84R PSU L1500       | C | Yes | 1.55 | *    |
| WT120C G3 46_57_69_80S/84R PSU L1500       | C | Yes | 1.55 | *    |
| WT120C G3 70_86_100_120S/84R PSU L600      | C | Yes | 1.60 | *    |
| WT120C G3 24_29_35_40S/84R PSU T1500       | C | No  | 0.87 | 53   |
| WT120C G3 27_33_39_46S/84R PSU T1500 L1200 | C | Yes | 1.45 | 73   |
| WT120C G3 27S/84D PSU T1500 L1200          | C | Yes | 1.45 | 73   |
| WT120C G3 27_33_39_46S/84R PSU T1500 L1200 | C | Yes | 1.45 | 46   |
| WT120C G3 27S/84D PSU T1500 L1200          | C | Yes | 1.45 | 53   |
| WT120C G3 34S/84D PSU T1500 L1200          | C | Yes | 1.18 | 46   |
| WT120C G3 35_43_51_60S/84R PSU T1500 L1500 | C | Yes | 1.79 | 35   |
| WT120C G3 46_57_69_80S/84R PSU T1500 L1500 | C | Yes | 1.76 | 27   |
| WT120C G3 60S/84R PSU T1500 L1500          | C | Yes | 1.76 | 35   |
| WT120C G3 80S/84R PSU T1500 L1500          | C | Yes | 1.76 | 27   |
| WT120C G3 20S/84R PSU PCO L600             | C | No  | 0.75 | 0.75 |
| WT120C G3 27S/84R PSU PCO L1200            | C | Yes | 1.28 | *    |
| WT120C G3 40S/84R PSU PCO L1200            | C | Yes | 1.28 | *    |
| WT120C G3 34S/84R PSU PCO L1500            | C | Yes | 1.55 | *    |
| WT120C G3 60S/84R PSU PCO L1500            | C | Yes | 1.55 | *    |
| WT120C G3 80S/84R PSU PCO L1500            | C | Yes | 1.55 | *    |

The technical drawing shows the top view of the WT120C G3 L600 unit. It is a rectangular device with mounting tabs on all four sides. Dimensions are labeled as follows: A is the total width; B is the distance between the inner vertical mounting tabs; C is the total height; D is the distance between the inner horizontal mounting tabs; E min and E max are the minimum and maximum depths of the side mounting tabs; F is the depth of the front panel; and Nr. clips indicates the number of clips per edge.

| Type            | A    | B    | C   | D    | E min | E max | F  | Nr. clips |
|-----------------|------|------|-----|------|-------|-------|----|-----------|
| WT120C G3 L600  | 665  | 608  | 308 | 512  | -     | -     | -  | -         |
| WT120C G3 L1200 | 76   | 1215 | 80  | 38   | 538   | 1062  | 85 | 10        |
| WT120C G3 L1500 | 1515 | -    | 838 | 1362 | -     | -     | -  | 12        |

This technical drawing shows the top view of the WT120C G3 TW3/TW1 L600 unit. The layout is similar to the previous one, with dimensions A through F and Nr. clips defined consistently.

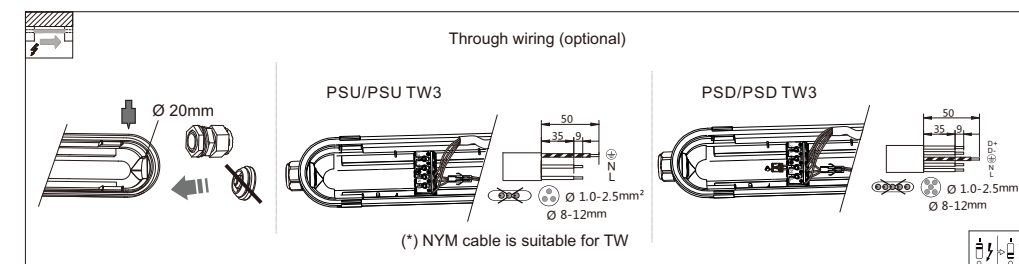
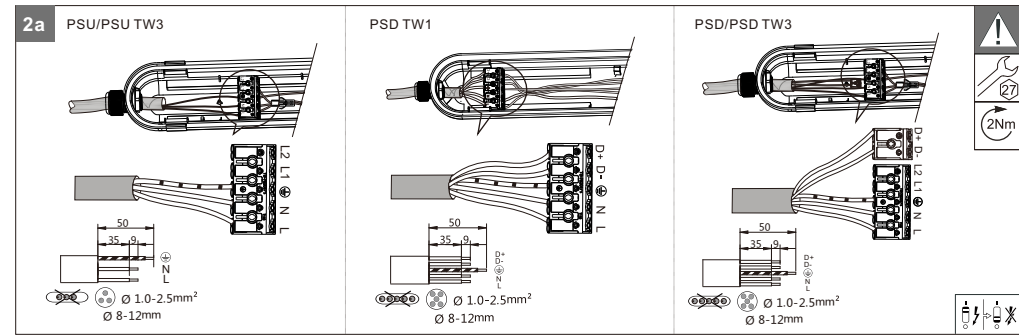
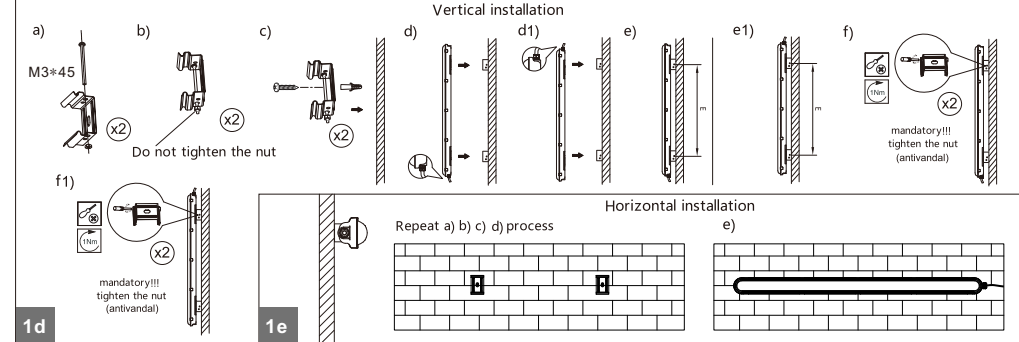
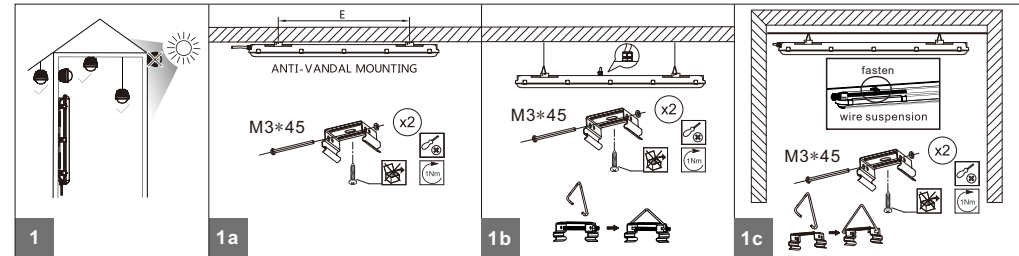
| Type                    | A   | B    | C   | D   | E min | E max | F  | Nr. clips |
|-------------------------|-----|------|-----|-----|-------|-------|----|-----------|
| WT120C G3 TW3/TW1 L600  | 665 | 608  | 308 | 512 | -     | -     | -  | -         |
| WT120C G3 TW3/TW1 L1200 | 76  | 1235 | 80  | 38  | 538   | 1062  | 85 | 10        |

|                                      |   |    |      |    |
|--------------------------------------|---|----|------|----|
| WT120C G3 40S/840 PSU WEC3 L1200     | C | No | 1.28 | *  |
| WT120C G3 60S/840 PSU WEC3 L1500     | C | No | 1.55 | *  |
| WT120C G3 40S/840 PSU WEC3 TW1 L1200 | C | No | 1.35 | 53 |
| WT120C G3 60S/840 PSU WEC3 TW1 L1500 | C | No | 1.66 | 35 |

\*Refer to the datasheet for detailed information on through wiring option

| Type                 | Dimension (mm) |      |    |    |       |       | Nr. of clips |
|----------------------|----------------|------|----|----|-------|-------|--------------|
|                      | A              | B    | C  | D  | E min | E max |              |
| WT120C G3 WEC3 L1200 | 76             | 1240 | 80 | 38 | 538   | 1062  | 85           |
| WT120C G3 WEC3 L1500 |                | 1540 |    |    | 838   | 1362  |              |

| Type                     | Dimension (mm) |      |    |    |       |       |    | Nr. of clips |
|--------------------------|----------------|------|----|----|-------|-------|----|--------------|
|                          | A              | B    | C  | D  | E min | E max | F  |              |
| WT120C G3 WEC3 TW1 L1200 | 76             | 1285 | 80 | 38 | 538   | 1062  | 85 | 10           |
| WT120C G3 WEC3 TW1 L1200 |                | 1585 |    |    | 838   | 1362  |    | 12           |



a) b)

Additional Through wiring options:

| 12NC         | Description                 | EOC            |
|--------------|-----------------------------|----------------|
| 911401816587 | WT120Z TW-3x2.5-L600 10PCS  | 87201697551549 |
| 911401816787 | WT120Z TW-3x2.5-L1200 10PCS | 87201697551789 |
| 911401816987 | WT120Z TW-3x2.5-L1500 10PCS | 87201697551929 |

**a)**

with through wires

50  
35  
Ø 0.2-2.5mm<sup>2</sup>  
Ø 8-12mm

**b)**

| Additional Through wiring options: |                             |                 |
|------------------------------------|-----------------------------|-----------------|
| 12NC                               | Description                 | EOC             |
| 911401816687                       | WT120Z TW-5x2.5-L6000 10PCS | 872016975516189 |
| 911401816687                       | WT120Z TW-5x2.5-L1200 10PCS | 87201697551859  |
| 911401817087                       | WT120Z TW-5x2.5-L1500 10PCS | 87201697552089  |

[illegible]

Figure 1 consists of two schematic diagrams, (a) and (b), illustrating the proposed 12NC cable. Diagram (a) shows the cable with through wires, featuring a cross-section of the cable with 12 conductors (6 twisted pairs) and a central shield. Dimensions include a 50mm length for the twisted pairs, a 35mm length for the shield, and a 1.0-2.5mm diameter for the shield. Diagram (b) shows the cable with shield, featuring a cross-section of the cable with 12 conductors (6 twisted pairs) and a central shield. Dimensions include a 50mm length for the twisted pairs, a 35mm length for the shield, and a 1.0-2.5mm diameter for the shield. The diagrams also show the cable's connection to a 12NC connector and a 12NC plug.

| Additional Throwing wiring options: |                              |                 |
|-------------------------------------|------------------------------|-----------------|
| 12NC                                | Description                  | EOC             |
| 9114101883298                       | WT1202 TW-2x2.5-1.1200 10PCS | 872110334090889 |
| 91141018816787                      | WT1202 TW-3x2.5-1.1200 10PCS | 872110697551785 |
| 9114101883388                       | WT1202 TW-2x2.5-1.5100 10PCS | 872110334090598 |
| 91141018816987                      | WT1202 TW-3x2.5-1.5100 10PCS | 872110697551325 |

**a)**

**b)**

| Additional Through wiring options: |                             |                 |
|------------------------------------|-----------------------------|-----------------|
| 12NC                               | Description                 | EOC             |
| 911401883288                       | WT120Z TW-2x2.5-L1200 10PCS | 872110334908896 |
| 911401816887                       | WT120Z TW-5x2.5-L1200 10PCS | 872016975518591 |
| 911401883388                       | WT120Z TW-2x2.5-L1500 10PCS | 872110334909596 |
| 911401817087                       | WT120Z TW-5x2.5-L1500 10PCS | 872016975520891 |

Knock out for cable entry

a) PSU/PSU TW3

b) PSD/PSD TW3

c) Only Safety Protection

Technical diagrams showing the installation of the cable entry cap and the connection of the cable to the internal terminals for the PSU/PSU TW3 and PSD/PSD TW3 units.

The diagrams are labeled a) and b) for both units.

The PSU/PSU TW3 unit (a) shows the cable entry cap being installed into the unit. The cap has a length of 50mm and a diameter of 35mm. The PSD/PSD TW3 unit (b) shows the cable entry cap being installed into the unit. The cap has a length of 50mm and a diameter of 35mm.

The diagrams also show the connection of the cable to the internal terminals, with a note "Only Safety Protection" for the PSD/PSD TW3 unit.

Dimensions and specifications for the cable entry cap:

- Length: 50mm
- Diameter: 35mm
- Terminal diameter: Ø 1.0-2.5mm<sup>2</sup>
- Terminal length: Ø 8-12mm

5

6

7

Only for 120S PSD L1500 model  
please don't press it with your  
hands or anything.

|                                             |                                                                                     |
|---------------------------------------------|-------------------------------------------------------------------------------------|
| WT120C G3 27_33_39_46S/830_40 PSU TW3 L1200 |  |
| WT120C G3 35_43_51_60S/830_40 PSU TW3 L1500 |                                                                                     |

Refer to datasheet for detailed information on wattage and lumen output.

WT121C G3 27\_33\_39\_46S/840 PSU L1200  
 WT120C G3 27\_33\_39\_46S/840 PSU L1200  
 WT120C G3 27\_33\_39\_46S/865 PSU L1200  
 WT120C G3 27\_33\_39\_46S/840 TW3 PSU L1200  
 WT120C G3 27\_33\_39\_46S/830\_40 PSU TW3 L1200

| Pin 1 | Pin 2 | 27_33_39_46S |
|-------|-------|--------------|
| ON    | ON    | 27S          |
| ON    | OFF   | 33S          |
| OFF   | ON    | 39S          |
| OFF   | OFF   | 46S(Default) |

WT120C G3 24\_29\_35\_40S/840 PSU L600  
 WT120C G3 24\_29\_35\_40S/840 PSU TW3 L600

| Pin 1 | Pin 2 | 24_29_35_40S |
|-------|-------|--------------|
| ON    | ON    | 24S          |

| WT120C G3 35_43_51_60S/840 PSU L1500        |       |              |  |  |  |
|---------------------------------------------|-------|--------------|--|--|--|
| WT120C G3 35_43_51_60S/865 PSU L1500        |       |              |  |  |  |
| WT121C G3 35_43_51_60S/840 PSU L1500        |       |              |  |  |  |
| WT120C G3 35_43_51_60S/830_40 PSU TW3 L1500 |       |              |  |  |  |
| Pin 1                                       | Pin 2 | 35_43_51_60S |  |  |  |
| ON                                          | ON    | 35S          |  |  |  |
| ON                                          | OFF   | 43S          |  |  |  |
| OFF                                         | ON    | 51S          |  |  |  |
| OFF                                         | OFF   | 60S(Default) |  |  |  |

| WT120C G3 46_57_69_80S/840 PSU L1500     |       |              |  |  |  |
|------------------------------------------|-------|--------------|--|--|--|
| WT120C G3 46_57_69_80S/840 PSU TW3 L1500 |       |              |  |  |  |
| Pin 1                                    | Pin 2 | 46_57_69_80S |  |  |  |
| ON                                       | ON    | 46S          |  |  |  |
| ON                                       | OFF   | 57S          |  |  |  |
| OFF                                      | ON    | 69S          |  |  |  |
| OFF                                      | OFF   | 80S(Default) |  |  |  |

|     |     |               |
|-----|-----|---------------|
| ON  | ON  | 70S           |
| ON  | OFF | 86S           |
| OFF | ON  | 100S          |
| OFF | OFF | 120S(Default) |

 **Installation of Emergency unit**  
(option with additional emergency module EM300V)  
Emergency Module:  
Follow manual instruction of EM300V  
Order Code:  
912401483668 EM300V ELB\_P3 kit HV 6.4V 2000  
The emergency pack is not provided.

1 Located on the battery

2 Connection

3 Log book

4 Self-test(Default)

Emergency wiring

[illegible]
$$\left| \begin{array}{c} \dot{0} \\ 0 \end{array} \right| \rightarrow \left| \begin{array}{c} \dot{0} \\ 0 \end{array} \right|$$

