



TP19U230B54

**TP series - Roof mount exhaust fan units**

Roof exhaust fan units used to directly extract heat from the upper region of the cabinet facilitating effective internal air flow. Equipped with a high-head radial fan.

- Mounting via 8 x Ø4 mm screws (*mounts through 175 mm<sup>2</sup> cutout*)
- Plastic parts in PC/ABS alloy and aluminium self extinguishing to UL 94V-0
- Permanent sealing gasket in polyurethane foam
- Compact dimensions, height: total 94 mm / hood 62 mm
- Colour: RAL 7035 (*others colours available on request*)

| type                            | voltage<br>(V) | power<br>(W)  | air flow<br>(m <sup>3</sup> /h) | noise<br>(dB/A) | description      | dimensions (mm) |     |     |
|---------------------------------|----------------|---------------|---------------------------------|-----------------|------------------|-----------------|-----|-----|
|                                 |                |               |                                 |                 |                  | (H)             | (W) | (D) |
| <b>Exhaust Fan (roof mount)</b> |                | <b>(IP24)</b> |                                 |                 |                  |                 |     |     |
| <b>TP19U230B</b>                | 230 VAC        | 70            | 500                             | 68              | roof exhaust fan | 324             | 324 | 94  |
| <b>Exhaust Fan (roof mount)</b> |                | <b>(IP54)</b> |                                 |                 |                  |                 |     |     |
| <b>TP19U230B54</b>              | 230 VAC        | 70            | 420                             | 68              | roof exhaust fan | 324             | 324 | 94  |

**LED Lamp for switchboards**

During maintenance and inspection on switchboards it is essential for to have a good level of lighting LEDs provides effective illumination within electrical cabinets at significantly low consumption. Switching via a mounted switch or version with a PIR sensor which detects motion within 120° radius with delayed auto off with no detected presence.

| type | power | supply voltage | description | dimensions (mm) |     |     |
|------|-------|----------------|-------------|-----------------|-----|-----|
|      |       |                |             | (H)             | (W) | (D) |

**Fandis FLL - Panel lamps**

Termination is via "push-in" cage clamp terminals on both sides with an incorporated release button  
Magnetic fastening for simple positioning on metallic surfaces (*with optional magnet set*)  
Lamp rotates to six different positions on base (*max. to 40°*)

- LED light output: 315 Lm (*luminous flux*), 120°, daylight, colour temperature 7.100K
- Operating temp: -30 to +60°C
- Lifetime: 160.000 h at 25°C
- Certification: CE; UL E237844 (UL 508 and CSA C22.2 No. 14)

|                       |        |  |                            |    |     |    |
|-----------------------|--------|--|----------------------------|----|-----|----|
| <b>FLL-300565U-S</b>  | 5 Watt | 115...230 VAC                                      | LED panel lamp with switch | 32 | 356 | 48 |
| <b>FLL-300565U-IR</b> | 5 Watt | 115...230 VAC                                      | LED lamp with PIR sensor   | 32 | 356 | 48 |
| <b>FLL-2MA</b>        | magnet | magnet mounting kit for lamps ( <i>2 magnets</i> ) |                            |    |     |    |



FLL-300565U-IR