

### General description

The P2CFxW 12W family of switch mode power supplies delivers typically 12W output and features wide-range input (90-264V), small size and light weight.

The units are available with changeable primary plugs in versions EU, UK, US and AUS.

Secondary plug is available in different forms. The power supply is for indoor use only with protection class II and manufactured according to ISO 9001.

### The power supply is available for 3 different application areas:

- Information technology equipment area
- Household device area
- Medical electrical equipment area



| Dimensions                  | Length | Width | Height |    |
|-----------------------------|--------|-------|--------|----|
| 12/24W Wall Plug IN Housing | 105    | 42    | 42     | mm |

### Test standards and approvals

| Input Parameter | Key    | Min | Typ | Max | Unit |
|-----------------|--------|-----|-----|-----|------|
| Input voltage   | $U_1$  | 90  |     | 264 | V    |
| Input current   | $I_1$  | 3   | 250 | 320 | mA   |
| Input frequency | $f_1$  | 47  | 50  | 63  | Hz   |
| Efficiency      | $\eta$ | 75  |     | 85  | %    |
| Op. Temperature | T      | -5  |     | 40  | °C   |

| Output Parameter         | Key       | Min | Typ | Max  | Unit |
|--------------------------|-----------|-----|-----|------|------|
| Output Voltage           | $U_2$     | 4.5 |     | 24   | V    |
| Output voltage tolerance | $T_{U2}$  |     |     | 3    | %    |
| Output current           | $I_2$     |     |     | 2400 | mA   |
| Ripple voltage           | $U_{RMS}$ |     |     | 50   | mV   |

| Approvals                                                                                                                                                                  |                                                                                                                                                                            |                                                                                                                                                                            |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Information technology equipment                                                                                                                                           | Household devices                                                                                                                                                          | Medical electrical equipment                                                                                                                                               |
| <br> | <br> | <br> |

| Test standards                                                                                                       |                                  |
|----------------------------------------------------------------------------------------------------------------------|----------------------------------|
| EN 60950<br>UL 1310<br>EN 61000-6-1<br>EN 55022 Class B<br>EN 55011<br>EN 55014-1<br>EN 61204-3                      | Information technology equipment |
| EN 60335<br>EN 61558<br>UL 1310<br>EN 61000-6-1<br>EN 55022 Class B<br>EN 55011<br>EN 55014-1<br>EN 61204-3          | Household devices                |
| EN 60601-1<br>UL 60601-1<br>EN 60601-1-2<br>EN 61000-6-1<br>EN 55022 Class B<br>EN 55011<br>EN 55014-1<br>EN 61204-3 | Medical electrical equipment     |