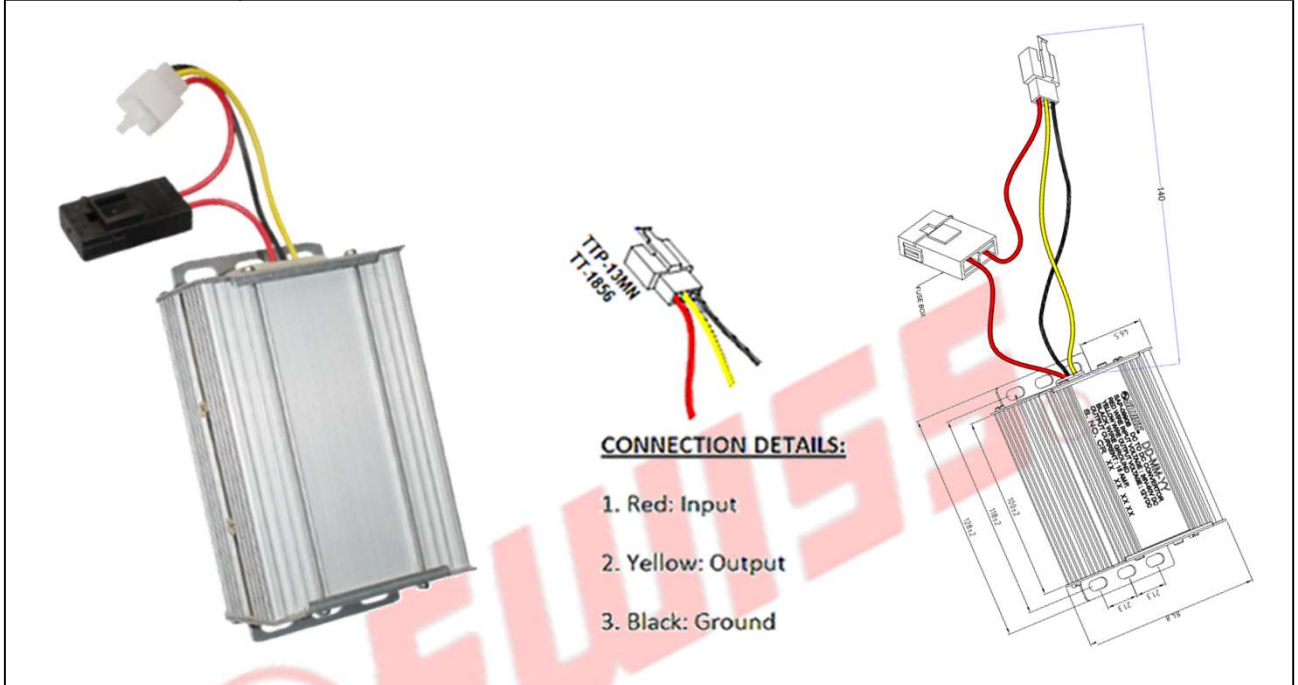


|                 |                 |                       |
|-----------------|-----------------|-----------------------|
| <b>PART No.</b> | SAP-0990B       | <b>SPECIFICATIONS</b> |
| <b>PRODUCT</b>  | DC-DC CONVERTER |                       |
| <b>TYPE</b>     | 15A             |                       |



## SPECIFICATIONS

|                |                         |
|----------------|-------------------------|
| DIMENSION (mm) | L:127.0, W:84.8, H:46.5 |
| BOX MATERIAL   | Aluminium               |
| WEIGHT         | 381 gms                 |

| ELECTRICAL DETAILS |   |                       |
|--------------------|---|-----------------------|
| <b>A</b>           | <b>DC INPUT</b>                                       |                       |
| 1                  | DC INPUT VOLTAGE RANGE                                | 35V~60V DC            |
| 2                  | DC INPUT VOLTAGE NOMINAL                              | 48V DC                |
| 3                  | DC INPUT CURRENT MAXIMUM                              | 3.5 AMP AT 60V INPUT  |
| <b>B</b>           | <b>DC OUTPUT</b>                                      |                       |
| 1                  | DC OUTPUT VOLTAGE                                     | 12.3±0.5V             |
| 2                  | DC OUTPUT CONSTANT CURRENT                            | 15AMP                 |
| 3                  | DC OUTPUT PEAK CURRENT                                | 16AMP                 |
| 4                  | DC OUTPUT LINE & LOAD REGULATION                      | TOLERANCE ± 2%        |
| 5                  | DC RIPPLE / NOISE                                     | <250mV / <800mV PK-PK |
| <b>C</b>           | <b>PROTECTION</b>                                     |                       |
| 1                  | SHORT CIRCUIT PROTECTION AT INPUT : FUSE 10AMP        |                       |
| 2                  | INTERNAL SHUT DOWN ON SHORT CIRCUIT AT OUTPUT         |                       |
| 3                  | ENCLOSURE FOLLOWING IP65 STANDARD                     |                       |
| 4                  | Over Temperature Protections - 40 deg C To +80 deg C. |                       |