



**Features :**

- 26.4W Rated power
- Protection against short circuit, Overload & Over voltage
- Low ripple & noise
- Cooling by free air convection
- Power OK indication
- Low cost
- High reliability
- Compact

Certification :

**Display specifications**

|         |                          |
|---------|--------------------------|
| Display | LED Indication for DC OK |
|---------|--------------------------|

**Input specifications**

|                 |                                                                  |
|-----------------|------------------------------------------------------------------|
| Voltage range   | 100 ~ 270 VAC, 100 - 300 VDC                                     |
| Frequency range | 50 / 60 Hz                                                       |
| AC current      | 100 V - 0.6 A<br>270 V - 0.3 A                                   |
| Efficiency      | Up to 83 % at 230 VAC                                            |
| Inrush current  | 115 VAC - < 40 A at cold start<br>230 VAC - < 75 A at cold start |

**Output specifications**

|                        |                                                      |
|------------------------|------------------------------------------------------|
| DC voltage             | 24 VDC                                               |
| Rated current          | 1.1 A                                                |
| Line & Load regulation | Better than 0.5 %                                    |
| Hold up time           | 30 ms (Typical) at 230 VAC input voltage & Full load |
| Ripple & Noise         | < 200 mV                                             |

**Protections**

|                 |                                                                       |
|-----------------|-----------------------------------------------------------------------|
| Overload        | ≥110 % of rated output current                                        |
| Protection type | Hiccup mode, Recovers automatically after fault condition is removed. |
| Input fuse      | 2 A @ 250 VAC (Internal)                                              |

**Environment specifications**

|                 |                  |
|-----------------|------------------|
| Operating       | - 25°C to + 70°C |
| Storage ambient | - 40°C to + 85°C |

**Mechanical specifications**

|                     |                                |
|---------------------|--------------------------------|
| Mounting            | DIN rail                       |
| Dimension           | 35*93.8*60mm (W*H*D)           |
| Weight              | 140 gms                        |
| Terminal connection | Screw type, for 2.5mm sq. wire |

**RELIABILITY**

|      |                                         |
|------|-----------------------------------------|
| MTBF | > 475K hrs. as per MIL-HDBK-217F (25°C) |
|------|-----------------------------------------|

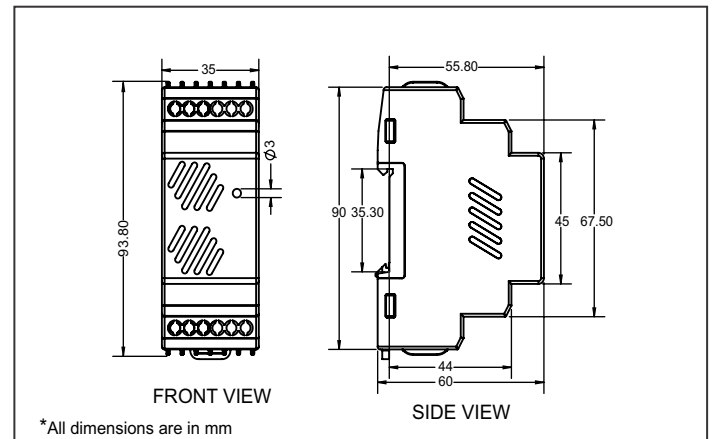
**Connectors details**

| Description      | Type                 | Torque |
|------------------|----------------------|--------|
| Input connector  | GOOSVN : GS017S-5.08 | 0.5 Nm |
| Output connector | OR Equivalent        |        |

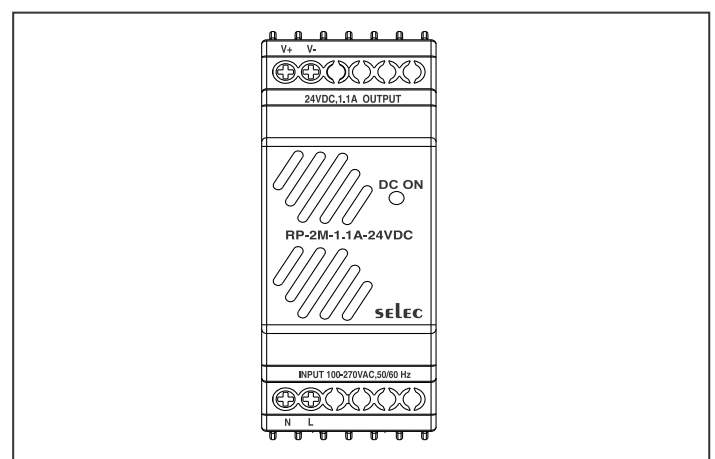
**Safety & EMC**

|                                         |
|-----------------------------------------|
| Safety standards : IEC61010-1           |
| Isolation Input - Output : 4KVAC, 1 min |

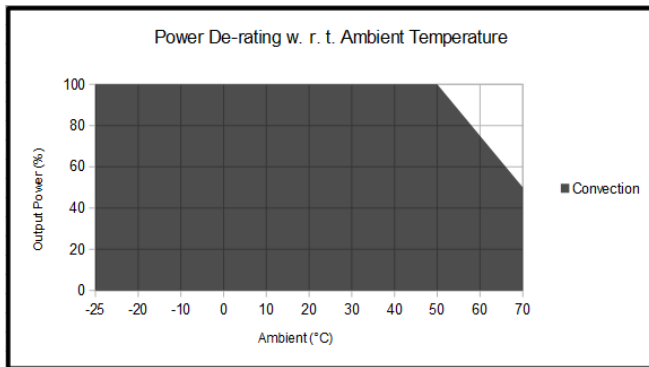
**Mechanical dimensions**



**Terminal connections**



Derating curve



Compliance

| Applicable EMI / EMC Standards    |                     |                                            |
|-----------------------------------|---------------------|--------------------------------------------|
| Product Standard                  |                     |                                            |
| Category                          | Reference Standards | Testing Level                              |
| Conducted Emission                | CISPR32             | CLASS B                                    |
| Radiated Emission                 | CISPR32             | CLASS A                                    |
| Electrostatic Discharge           | IEC61000-4-2        | Level 4, Criteria A<br>Level 3, Criteria A |
| Radiated Susceptibility           | IEC61000-4-3        | Level 3, Criteria A                        |
| Electrical Fast Transient / Burst | IEC61000-4-4        | Level 3, Criteria A                        |
| Surge                             | IEC61000-4-5        | Level 3, Criteria A                        |
| Conducted Susceptibility          | IEC61000-4-6        | Level 3, Criteria A                        |
| Power Frequency Magnetic Field    | IEC61000-4-8        | Level 4, Criteria A                        |
| Voltage Dips & Interruption       | IEC61000-4-11       | CLASS 3, Criteria A & B                    |
| Safety                            | IEC62368-1          | PASS                                       |

Ordering information

| Product code             | Description               | Certification |
|--------------------------|---------------------------|---------------|
| RP-2M-1.1A-24VDC-CE-RoHS | 24V DC, 1.1A Power Supply | CE RoHS       |