

## General Specifications

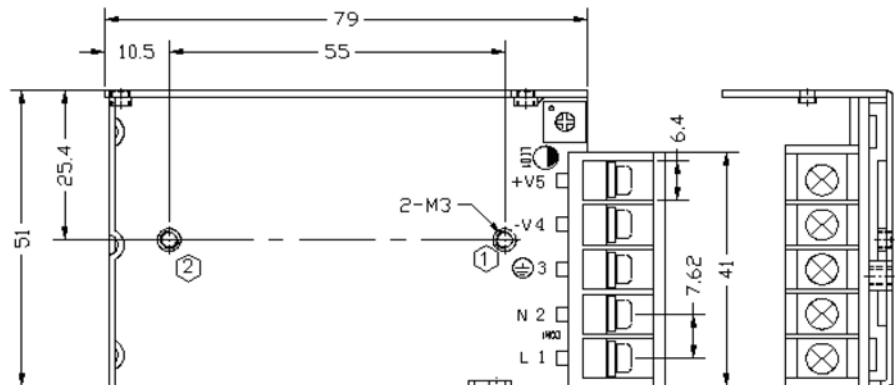
|                                                                            |                                             |                           |                                                                                                                          |
|----------------------------------------------------------------------------|---------------------------------------------|---------------------------|--------------------------------------------------------------------------------------------------------------------------|
| Temperature ranges                                                         | – Operating                                 | TXM 100/150               | –20°C to +60°C                                                                                                           |
|                                                                            |                                             | TXM 015/025/035/050/075   | –25°C to +70°C                                                                                                           |
|                                                                            | – Load derating above 40°C                  | TXM 100 or 3.3/5V         | 2.5%/°K (1.3%/°K for 3.3/5V)                                                                                             |
|                                                                            | – Load derating above 40°C                  | TXM 150 or 3.3/5V         | 1.67%/°K (1.3%/°K for 3.3/5V)                                                                                            |
|                                                                            | – Load derating above 50°C                  | all other models          | 2%/°K (4%/°K for TXM 200; 3.3%/°K for TXM 320)                                                                           |
|                                                                            | – Storage (non operating)                   |                           | –30°C to +85°C                                                                                                           |
| Temperature coefficient                                                    |                                             |                           | all models      0.03%/°C                                                                                                 |
| Humidity (non condensing)                                                  |                                             |                           | 90 % rel. H max. (non condensing)                                                                                        |
| Hold-up time                                                               |                                             |                           | 10 ms min. (115 VAC)<br>10 ms min. (230 VAC)                                                                             |
| Isolation voltage (60 sec.)                                                | – Input/Output                              |                           | 3'000 VAC                                                                                                                |
|                                                                            | – Input/Case                                |                           | 1'500 VAC                                                                                                                |
|                                                                            | – Output/Case                               |                           | 500 VAC                                                                                                                  |
| Reliability /calculated MTBF (MIL-HDBK-217F, at +25°C typ., ground benign) |                                             |                           | >200'000 h                                                                                                               |
| Altitude during operation                                                  |                                             | TXM 015 & 025 models:     | 2'000 m max. (6'667 ft) approved                                                                                         |
|                                                                            |                                             | all other models:         | 5'000 m max. (16'400 ft) approved                                                                                        |
| Electromagnetic compatibility (EMC), Emissions                             | – Conducted input RI suppression            |                           | EN 55022, class B                                                                                                        |
|                                                                            | – Harmonic current emissions                |                           | IEC/EN 61000-3-2,                                                                                                        |
|                                                                            | – Flicker                                   |                           | IEC/EN 61000-3-3                                                                                                         |
| Electromagnetic compatibility (EMC), Immunity                              | – Electrostatic discharge ESD               | IEC/EN 61000-4-2          | 4 kV / 8 kV      criteria B                                                                                              |
|                                                                            | – RF field immunity                         | IEC/EN 61000-4-3          | 10 V/m      criteria A                                                                                                   |
|                                                                            | – Electrical fast transients/burst immunity | IEC/EN 61000-4-4          | 2 kV      criteria B                                                                                                     |
|                                                                            | – Surge                                     | IEC/EN 61000-4-5          | 1 kV / 2 kV      criteria B                                                                                              |
|                                                                            | – Conducted RF                              | IEC/EN 61000-4-6          | 10 V/m      criteria A                                                                                                   |
|                                                                            | – Magnetic field                            | IEC/EN 61000-4-8          | 3 A/m      criteria A                                                                                                    |
| Safety standards                                                           | – UL/cUL                                    |                           | UL 60950-1<br>(entry for 100-320W models is pending)                                                                     |
|                                                                            | – CB report                                 | TXM 100 & TXM 150 models: | EN 60950-1:2006/A11:2009/A1:2010/<br>A12:2011/A2:2013<br>IEC 60950-1(ed.2) IEC 60950-1(ed.2)Am1,<br>IEC 60950-1(ed.2)Am2 |
|                                                                            |                                             | all other models:         | IEC 60950-1/A1:2009                                                                                                      |
|                                                                            | – Certification documents                   |                           | <a href="http://www.tracopower.com/overview/txm">www.tracopower.com/overview/txm</a>                                     |
| Environmental compliance                                                   | – Reach declaration                         |                           | <a href="http://www.tracopower.com/overview/txm">www.tracopower.com/overview/txm</a>                                     |
|                                                                            | – RoHS                                      |                           | directive 2011/65/EU                                                                                                     |

All specifications valid at nominal input voltage, full load and +25°C after warm-up time unless otherwise stated.

## Case Dimensions

### Case for TXM 015 & TXM 025

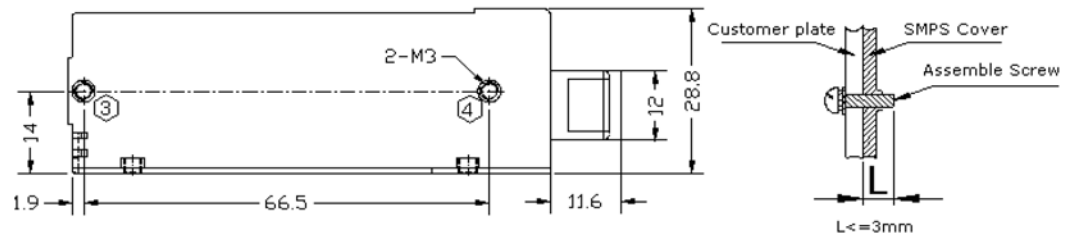
| Pin-Out |          |
|---------|----------|
| Pin     | Function |
| 1       | AC L     |
| 2       | AC N     |
| 3       | GND      |
| 4       | -Vout    |
| 5       | +Vout    |



#### Weight:

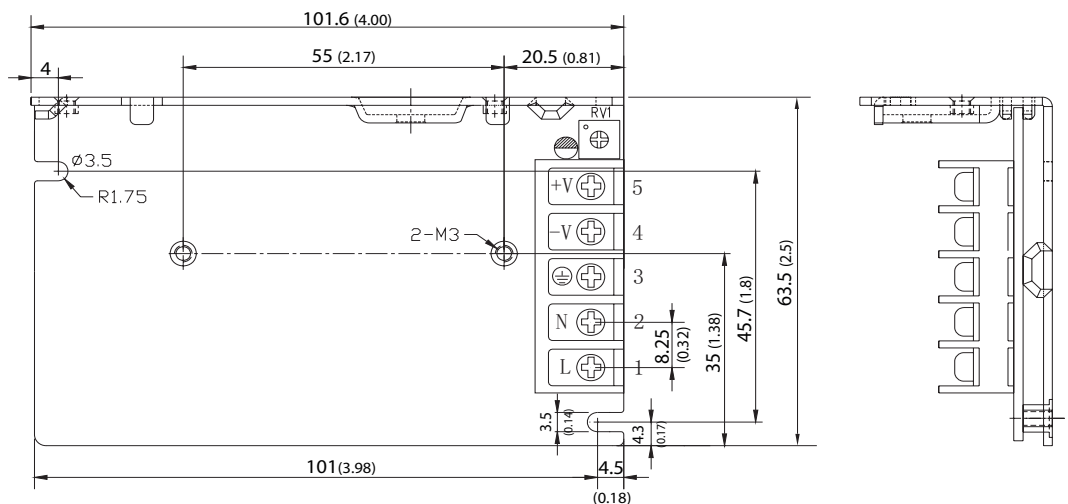
TXM 015: 165 g

TXM 025: 175 g

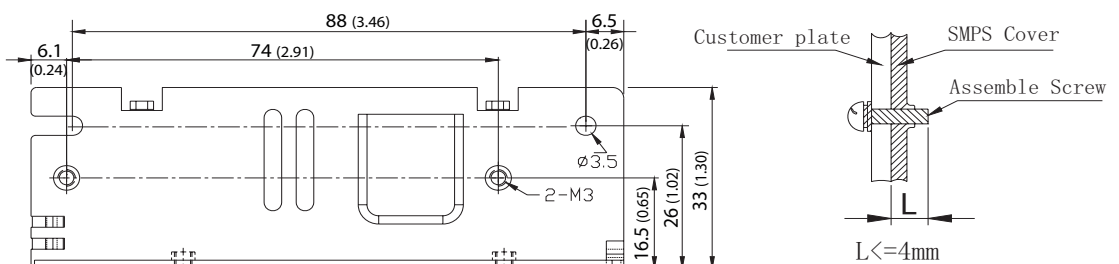


### Case for TXM 035

| Pin-Out |          |
|---------|----------|
| Pin     | Function |
| 1       | AC L     |
| 2       | AC N     |
| 3       | GND      |
| 4       | -Vout    |
| 5       | +Vout    |



Weight: 200 g



Max mounting screw penetration: 2.0 mm (0.08)