

|                                                           |                                                                       |             |             |             |
|-----------------------------------------------------------|-----------------------------------------------------------------------|-------------|-------------|-------------|
|                                                           | 5V                                                                    | 6V          | 7.5V        | 9V          |
| Available versions                                        | x                                                                     |             |             |             |
| Input voltage                                             | 90 - 264VAC                                                           |             |             |             |
| Line frequency                                            | 47 - 63Hz                                                             |             |             |             |
| Output voltage                                            | 5V ± 2.5%                                                             | 6V ± 2.5%   | 7.5V ± 2.5% | 9V ± 2.5%   |
| Max output power                                          | 20W                                                                   | 20W         | 28W         | 28W         |
| Min. output current                                       | 0A                                                                    |             |             |             |
| Max. output current                                       | 4A                                                                    | 3.33A       | 3.73A       | 3.11A       |
| Load regulation (0 - 100% load.<br>Measured on PSB)       | < 1%                                                                  |             |             |             |
| Mains regulation: (Mains variation: 90 - 264V, 100% load) | < 0,5%                                                                |             |             |             |
| Ripple & Noise: (at 20MHz bandwidth)                      | < 100mV p-p                                                           | < 100mV p-p | < 130mV p-p | < 100mV p-p |
| Efficiency (at 100% load, 230V)<br>approx.                | 0.83                                                                  | 85.5%       | 0.86        | 0.87        |
| Switch frequency approx.                                  | 65kHz                                                                 | 65kHz       | 65kHz       | 65kH        |
| Overshoot (90 - 10% load variation)                       | < 200mV                                                               | < 200mV     | < 200mV     | < 250mV     |
| Undershoot (10 - 90% load variation)-<br>:Measured on pcb | < 300mV                                                               |             |             |             |
| Hold up time:(at 90Vac)                                   | >5ms                                                                  |             |             |             |
| Temperature range                                         | -20 to +40oC                                                          |             |             |             |
| null                                                      | -25 to +85oC                                                          |             |             |             |
| Derating                                                  | 0.7W/oC over 40oC                                                     |             |             |             |
| Safety                                                    | EN/IEC/ANSI 60601-1 3ed                                               |             |             |             |
| Insulation class                                          | Class II                                                              |             |             |             |
| Insulation voltage: Primary –<br>secondary                | 4000VAC / 5700VDC                                                     |             |             |             |
| EMC standards                                             | EMC med. EN 60601-1-2 / Emission EN 61000-6-3 / Immunity EN 61000-6-1 |             |             |             |
| Standby power                                             | <0.075W                                                               |             |             |             |
| IP-degree                                                 | IP4X                                                                  |             |             |             |
| Input terminal                                            | 2-pins IEC320 C8 connector                                            |             |             |             |
| Output terminals                                          | Cord with/without plug. Exchangeable plugs available.                 |             |             |             |
| Dimensions                                                | 101 x 48.5 x 37mm                                                     |             |             |             |
| Weight                                                    | 212g.                                                                 |             |             |             |

|                                                           | 12V                                                                   | 15V         | 18V         | 24V         |
|-----------------------------------------------------------|-----------------------------------------------------------------------|-------------|-------------|-------------|
| Available versions                                        | x                                                                     |             |             |             |
| Input voltage                                             | 90 - 264VAC                                                           |             |             |             |
| Line frequency                                            | 47 - 63Hz                                                             |             |             |             |
| Output voltage                                            | 12V ± 2.5%                                                            | 15V ± 2.5%  | 18V ± 2.5%  | 24V ± 2.5%  |
| Max output power                                          | 28W                                                                   |             |             |             |
| Min. output current                                       | 0A                                                                    |             |             |             |
| Max. output current                                       | 2.33A                                                                 | 1.86A       | 1.55A       | 1.16A       |
| Load regulation (0 - 100% load.<br>Measured on PSB)       | < 1%                                                                  |             |             |             |
| Mains regulation: (Mains variation: 90 - 264V, 100% load) | < 0,5%                                                                |             |             |             |
| Ripple & Noise: (at 20MHz bandwidth)                      | < 130mV p-p                                                           | < 130mV p-p | < 130mV p-p | < 100mV p-p |
| Efficiency (at 100% load, 230V)<br>approx.                | 88.5%                                                                 | 0.89        | 0.89        | 0.89        |
| Switch frequency approx.                                  | 65kHz                                                                 | 65kH        | 65kH        | 65kHz       |
| Overshoot (90 - 10% load variation)                       | < 250mV                                                               | < 250mV     | < 250mV     | < 200mV     |
| Undershoot (10 - 90% load variation)-<br>:Measured on pcb | < 300mV                                                               | < 350mV     | < 300mV     | < 250mV     |
| Hold up time:(at 90Vac)                                   | >5ms                                                                  |             |             |             |
| Temperature range                                         | -20 to +40oC                                                          |             |             |             |
| null                                                      | -25 to +85oC                                                          |             |             |             |
| Derating                                                  | 0.7W/oC over 40oC                                                     |             |             |             |
| Safety                                                    | EN/IEC/ANSI 60601-1 3ed                                               |             |             |             |
| Insulation class                                          | Class II                                                              |             |             |             |
| Insulation voltage: Primary – secondary                   | 4000VAC / 5700VDC                                                     |             |             |             |
| EMC standards                                             | EMC med. EN 60601-1-2 / Emission EN 61000-6-3 / Immunity EN 61000-6-1 |             |             |             |
| Standby power                                             | <0.075W                                                               |             |             |             |
| IP-degree                                                 | IP4X                                                                  |             |             |             |
| Input terminal                                            | 2-pins IEC320 C8 connector                                            |             |             |             |
| Output terminals                                          | Cord with/without plug. Exchangeable plugs available.                 |             |             |             |
| Dimensions                                                | 101 x 48.5 x 37mm                                                     |             |             |             |
| Weight                                                    | 212g.                                                                 |             |             |             |