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# CLW-1505-W2E-EA series

12V / 2A Wall Mounted Type Constant Voltage Power Supply



## ■ Features:

- Universal AC input / Full range
- ErP step II / CEC level V compliance
- Protections: Over current / Short circuit



## ELECTRICAL SPECIFICATION

| MODEL                     | CLW 1505 W2E EA                    |
|---------------------------|------------------------------------|
| OUTPUT                    |                                    |
| Rated Voltage             | 5V                                 |
| Rated Current             | 3A                                 |
| Current Range             | 0 ÷ 3A                             |
| Rated Power               | 15W                                |
| Line Regulation           | ± 2%                               |
| Load Regulation           | ± 5%                               |
| Tolerance [3]             | ± 5%                               |
| Ripple & Noise (max.) [2] | 100mV <sub>p-p</sub>               |
| Setup, Rise Time [4]      | 3000ms, 50ms / 230VAC at full load |
| Hold up Time (typ.)       | 8ms / 230VAC at full load          |
| INPUT                     |                                    |
| Voltage Range             | 90 ÷ 264VAC                        |
| Frequency Range           | 47 ÷ 63Hz                          |
| Efficiency (typ.)         | 76%                                |
| AC Current (typ.)         | 0.5A / 230VAC                      |
| Inrush Current (typ.)     | 60A / 230VAC                       |
| Leakage Current (max.)    | 0.25mA / 240VAC                    |
| PROTECTIONS               |                                    |
| Over Current              | Type: hiccup mode, auto-recovery.  |
| Short Circuit             | Type: hiccup mode, auto-recovery.  |

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## WORKING ENVIRONMENT

|                                  |                                         |
|----------------------------------|-----------------------------------------|
| Working Temperature              | 0°C ÷ 40°C                              |
| Working Humidity                 | 10 ÷ 90% RH non-condensing              |
| Storage Temperature and Humidity | -20°C ÷ 85°C, 5 ÷ 90% RH non-condensing |

## SAFETY and EMC REGULATIONS

|                      |                                        |
|----------------------|----------------------------------------|
| Safety Standards     | Compliance to EN 60950-1               |
| Withstand Voltage    | IN/OUT: 4242kVDC                       |
| Isolation Resistance | IN/OUT: 50MΩ/500VDC/25°C/70%           |
| EMC Emission         | Compliance to EN55032                  |
| EMC Immunity         | EN61000-4-2, -3, 4, 5, 6, 8, 11        |
| Harmonic Current     | Compliance to EN61000-3-3; EN61000-3-2 |

## OTHERS

|            |                              |
|------------|------------------------------|
| Dimensions | 72 x 34 x 69.8mm (L x W x H) |
| Weight     | 152g                         |

## MECHANICAL SPECIFICATION

