



- Maintenance-free due to durable ultra capacitors
- Reduces wiring time due to integrated energy storage
- Microcontroller based charging and discharging of the Ultra Capacitors
- Input voltage-signal via potential-free contact and LED
- Short overload possible
- Vibration secured wiring via spring loaded plugs
- Wide working temperature range
- Seamless switch over
- Long operational life
- Compact and convection cooled
- Environmentally safe and free of toxic chemicals
- Cost effective over time
- UL Listed



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|-----------------|--------------------|
| Part No. | C-TEC2403-1 |
| Model Number | NCPA0727G01002 |

INPUT

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|--|---------------------|
| NOMINAL INPUT VOLTAGE | 24 V DC \pm 12.5% |
| MIN. NOMINAL INPUT VOLTAGE FOR LOADING OPERATION | 23.5 V |
| MAX NOMINAL INPUT CURRENT | 3 A |

OUTPUT

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|--|------------------|
| NOMINAL OUTPUT VOLTAGE IN MAINS OPERATION | 24 V |
| NOMINAL OUTPUT VOLTAGE IN BUFFER OPERATION | 23 V DC \pm 2% |
| NOMINAL OUTPUT CURRENT | 3 A DC |
| EFFICIENCY | >90% |

GENERAL DATA

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|---------------------------------|--|
| BUFFER TIME | DEPENDENT ON THE LOAD |
| ENERGY CONTENT | 1 KJ |
| DEGREE OF PROTECTION | IP20 |
| OPERATING TEMP. | -40 to 60 °C |
| STORAGE TEMP. | -40 to 60 °C |
| RELATIVE HUMIDITY | 95 % non-condensing |
| MAX ALTITUDE (without derating) | 2000 m. above sea-level |
| DIMENSIONS | 95 mm x 60 mm x 116mm (3.74in. x 2.36in. x 4.57in.) |
| WEIGHT | .58 Kg. (1.28lbs.) |
| MOUNTING | 35 mm DIN Rail (panel mount available, contact Altech) |
| NORMS AND REGULATIONS | EN 50178, EN 60950 |
| UL LISTING | UL 508; C22.2 No. 107.1-01 |

