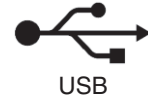




- Integrated power supply
- Maintenance-free due to durable ultra capacitors
- Long operational lifetime
- reduced wiring time due to integrated energy storage and power supply
- Microcontroller based charging and discharging of the ultracapacitors
- Input voltage-signal via potential-free contact and LED
- Short overload possible
- Vibration secured wiring via spring loaded plugs
- Wide working temperature range
- Seamless switch over
- Compact and convection cooled
- Environmentally safe and free of toxic chemicals
- Cost effective over time
- UL listed
- USB interface



|                     |                       |
|---------------------|-----------------------|
| <b>Part No.</b>     | <b>AC-C-TEC2420-8</b> |
| <b>Model Number</b> | NCPA0746G01003        |

**INPUT**

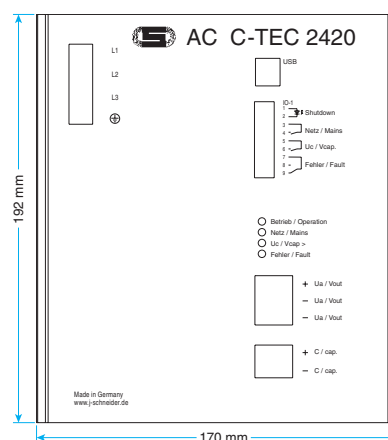
|                           |                               |
|---------------------------|-------------------------------|
| NOMINAL INPUT VOLTAGE     | 3 x 340 – 550 V AC $\pm$ 15 % |
| NOMINAL FREQUENCY         | 45-66 Hz                      |
| MAX INRUSH CURRENT        | 32 A for 10.5 ms              |
| MAX NOMINAL INPUT CURRENT | 0.95 A – (Ue 400 V AC)        |

**OUTPUT**

|                                            |                     |
|--------------------------------------------|---------------------|
| NOMINAL OUTPUT VOLTAGE IN MAINS OPERATION  | 24.8 V DC $\pm$ .5V |
| NOMINAL OUTPUT VOLTAGE IN BUFFER OPERATION | 23.2 V DC           |
| NOMINAL OUTPUT CURRENT                     | 20 A DC             |
| CURRENT LIMITATION                         |                     |
| EFFICIENCY                                 | 90%                 |

**GENERAL DATA**

|                                 |                                                         |
|---------------------------------|---------------------------------------------------------|
| ENERGY CONTENT                  | 8KJ                                                     |
| DEGREE OF PROTECTION            | IP20                                                    |
| OPERATING TEMP.                 | -40 to 60 °C                                            |
| STORAGE TEMP.                   | -25 to 70 °C                                            |
| RELATIVE HUMIDITY               | 95 % non condensating                                   |
| MAX ALTITUDE (without derating) | 2000 m above sea-level                                  |
| DIMENSIONS                      | 192.5 mm x 170 mm x 198 mm (7.58in. x 6.64in. x 7.8in.) |
| WEIGHT                          | 3.5 Kg (7.71lbs.)                                       |
| MOUNTING                        | 35 mm DIN Rail (panel mount available, contact Altech)  |
| NORMS AND REGULATIONS           | EN 50178                                                |
| UL LISTING                      | UL 508 C22.2 No. 107.1-01                               |



Mounting depth:  
198 mm