



TR-EM-000-T-230-700 Power Supply Data sheet

TR-EM-000-T-230-700 Power Supply

The power supply is intended to feed an actuator and its controller electronics. Environment for assembly and use can vary from agricultural to light industry. The housing class IP66 enables outdoor use as long as the fitting of the lid and closing of the cable glands is done with care.



Technical data:

- Supply nominal: 230VAC, 50Hz
- Supply limits: 210-240VAC 50/60Hz
- Max. performance: 700 VA
- Fuse in input terminal: T6,3A 20x5mm glass tube
- Filtered DC output: 24VDC nominal (35VDC no load)
- Output current: 6A cont. @25°C
- Max. output current: 40A
- Filter capacity: 33mF
- Product IP-class: IP65 (all glands used or closed)
- Housing material: UV-stabilized polycarbonate
- Housing measures: 180x255x126mm
- Weight: 7.5 kg

Environmental requirements

- Acceleration or shocks: <5g
- Moisture in storage and assembly: <95%Rh
- Temp. in storage and assembly: 0°C...+60°C
- Ambient temp. in use: -20°C...+60°C
- Max. height of assembly and use: 2000m from sea level
- Assembly for outdoor or Rh >95%: To vertical panel, glands down wards
- Assembly for indoor use: To horizontal or vertical panel



The specified product is produced by Electromen OY

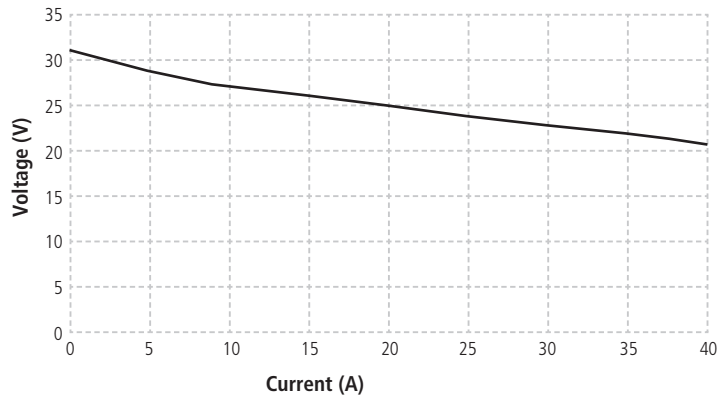
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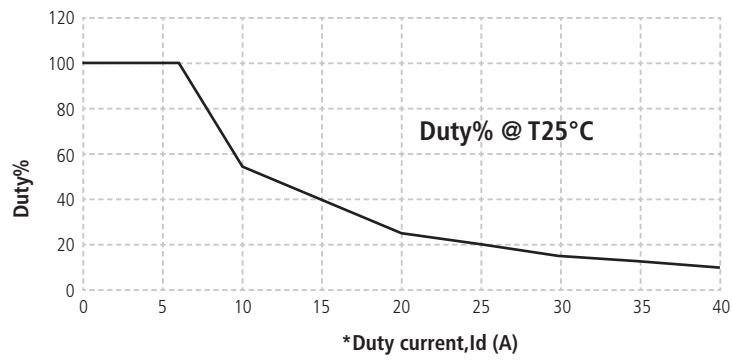
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Power output (approx.)



$$\text{Duty\% @ T25}^\circ\text{C} = 100 \times \frac{6.3A}{I_d + (0,1 \times I_d)^2}$$



Max. duty time on 25°C ambient

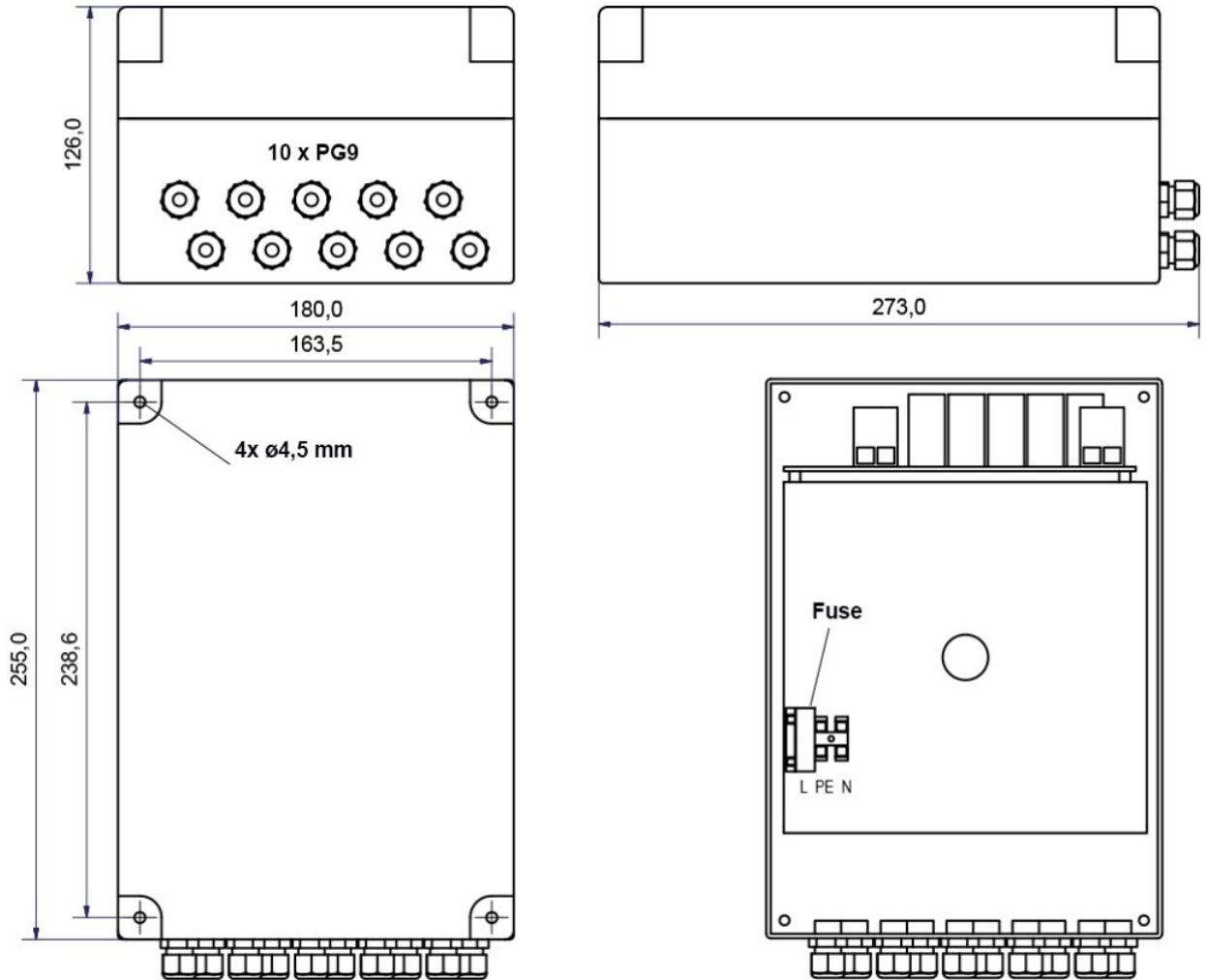
td25 @20A = 15 min

td25 @30A = 5 min

td25 @40A = 2 min*

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Dimensions in mm



Ordering:

TR-EM-000-T-230-700 Power Supply:

Ordering no.: TR-EM-000-T-230-700