



P-GATE

Quad DC motor driver module

Description

DC brush motors driver module, housed in a sturdy IP65 plastic case. Able to drive up to four motors with integrated Hall sensors for position feedback, this unit is thought for distributed architecture machines, whenever long wiring is undesirable. Available with SERCOS III™ interface for demanding real-time applications or standard Ethernet interface where timings are not paramount. Industrial standard M12 connectors and small dimensions make it eligible for the manufacture of efficient and state-of-the-art machinery.



Smittec S.p.A.

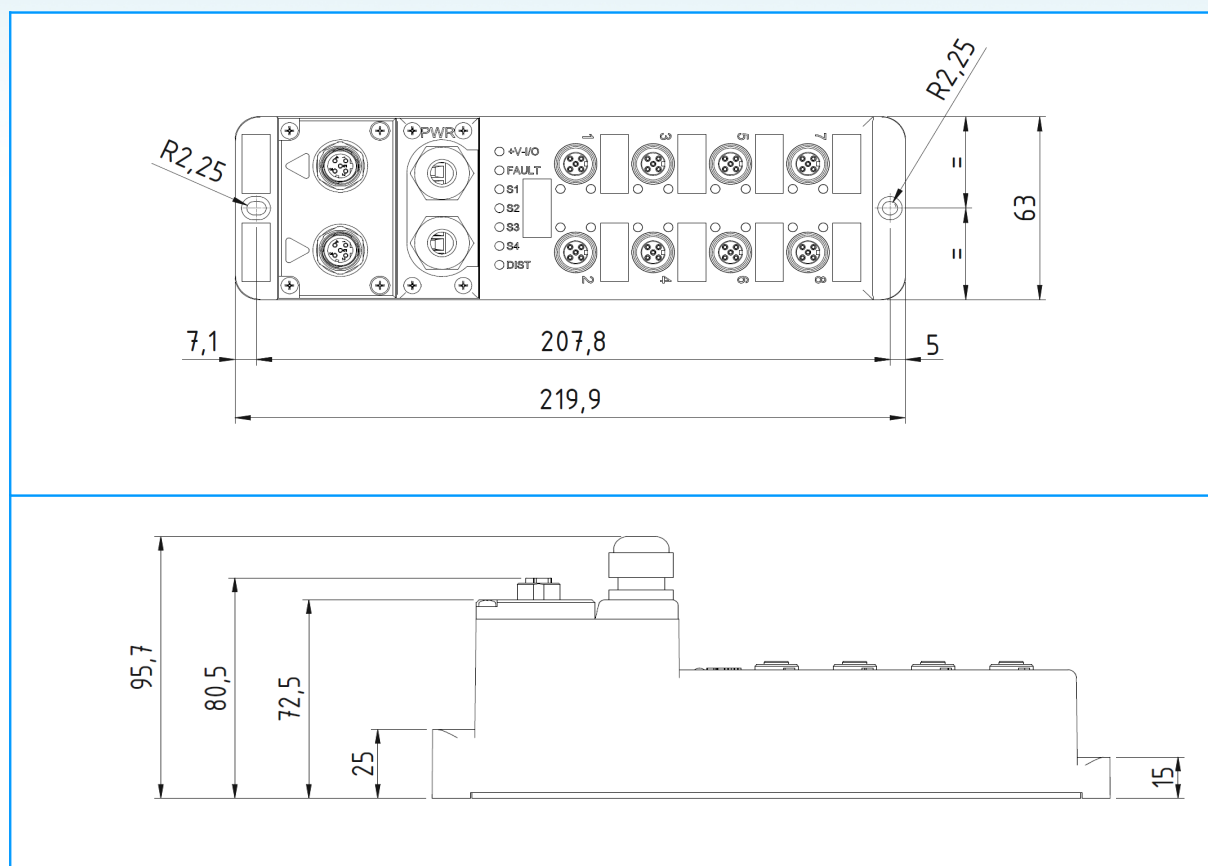
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Technical data	
Housing material	PA66 glass-filled
Degree of protection	IP65
Motor outputs	4
Output characteristics	MOSFET H-bridge, PWM controlled
Feedback inputs	Two Hall-sensors for each motor
Input characteristics	For open-collector sensors, integrated pull-up resistor.
Feedback sensors power supply	5V \pm 10%, 100mA max.
Interface	SERCOS III™ or Ethernet
Electrical specifications	Power supplies: 2 x 24VDC 400 mA max. on logic supply 8 A max. on I/O supply
Environmental specifications	operating temperature from +5°C to +55°C storage temperature from -40°C to +70°C relative humidity from 10% to 95% (non-condensing)

Dimensions



Data here mentioned are subject to changes without any notice.