

# Electrical characteristics

## Integrated drive capabilities

Parameter	Unit	Value
Rated Voltage	V	24-48 VDC
Minimum voltage	V	18 VDC
Maximum voltage admitted	V	80 VDC
Boost current (5sec)	A	120 A@5sec
Peak current	A	100 A
Rated current (max)	A	50 A
Rated output power (max)	A	3.6 kW
PWM Frequency	kHz	10

## Control and peripheral

- 2 digital inputs (24V logic level)
- 2 analog input (0 to 10V)
- 1 canbus interface (DS402)
- 1 RS232 with MODBUS RTU protocol

## Power supply

Phoenix Contact TRIO-PS-2G/3AC/24DC/40. 24 VDC output 40 Amp Power Supply 3-phase 320 -575 Vac input.



Omron S8JX-P Switch Mode DIN Rail Power Supply, 100 → 240V ac ac, dc Input, 12V dc dc Output, 53A Output, 600W



From:  
<https://dokuwiki.nilab.at/> - **NiLAB GmbH**  
**Knowledgebase**

Permanent link:  
[https://dokuwiki.nilab.at/doku.php?id=motolab\\_actuator:electrical\\_data](https://dokuwiki.nilab.at/doku.php?id=motolab_actuator:electrical_data)

Last update: **2023/09/21 07:16**

