

Bürstenbehaftete Gleichstrommotorregler RC

TTB-RC020

- Eigenschaften
- Ausstattung
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TTB-RC040

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TTB-RC020 - TTB-RC040

Eigenschaften

- Transistor bidirectional drive with regenerative current system.
- Following settings can be adjusted (by built in trimmers):
 - acceleration ramp: 0.5 - 10 sec
 - deceleration ramp: 0.5 - 10 sec
 - current limit 100% - about 30%
- Room temperature: 0°C / +40°C (alarm below zero)
- LED for system diagnosis
- Switching frequency: 16kHz
- Covered
- 5-10 kΩ Speed pot. or 0-10 Vdc external signal for speed regulation
- Variable current limit
- Thermal sensor for protection

Modello Model number	Tensione di alimentazione DC input voltage [Vdc]	Tensione di uscita Motor voltage [Vdc]*	Corrente di uscita nominale DC load current [A]	Corrente di picco motore Maximum load current [A]**	Campo di alimentazione Power supply range [Vdc]
RC020	12 ÷ 24	0 ÷ Vin	20	60 (4 sec)	10 ÷ 30
RC040	12 ÷ 24	0 ÷ Vin	40	120 (1 sec)	10 ÷ 30

* The drive reduces the rated voltage of 1-2 Vdc. This is normal and physiological. If 24 ÷ 12 VDC output is required under all load conditions, it is advisable to supercharge a couple of volts.

** A timer imposes a limit with a temporary hyperbolic performance, which means the more current is requested, the less time is permitted with this current before the drive is limited. When the current reaches its peak (3 times the rated value) the drive will work for a few seconds.

Ausstattung

 TTB-RC020
 TTB-RC040

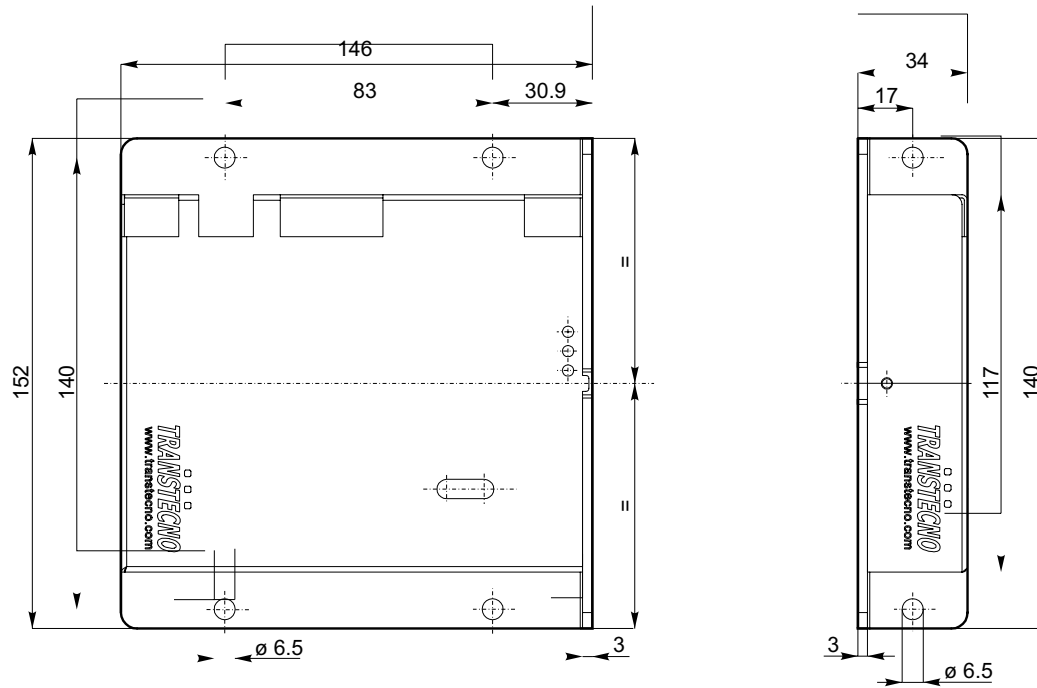
Selection Trimmer ACCEL, DECEL, CURRENT LIMIT	■
2 contacts : forward and reverse	■
Speed setpoint reference	■
3 LEDs signals	■
Command signal for possible negative electromagnetic brake	■
Arranged for 2 different ways of mounting	■
Memory storage and report of alarm	■
2 auxiliary digital inputs	■ *
Alarm output relays	■

* one committed by reset

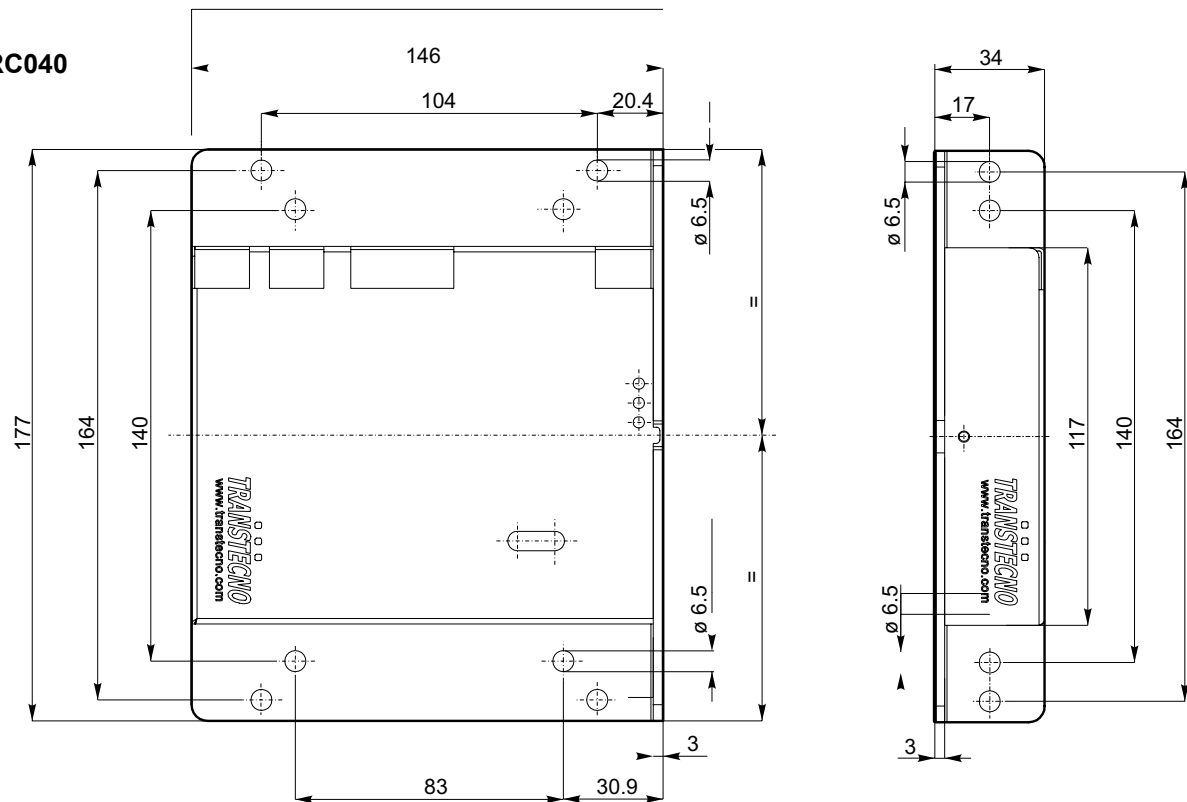
TTB-RC020 - TTB-RC040

Abmessungen

TTB-RC020

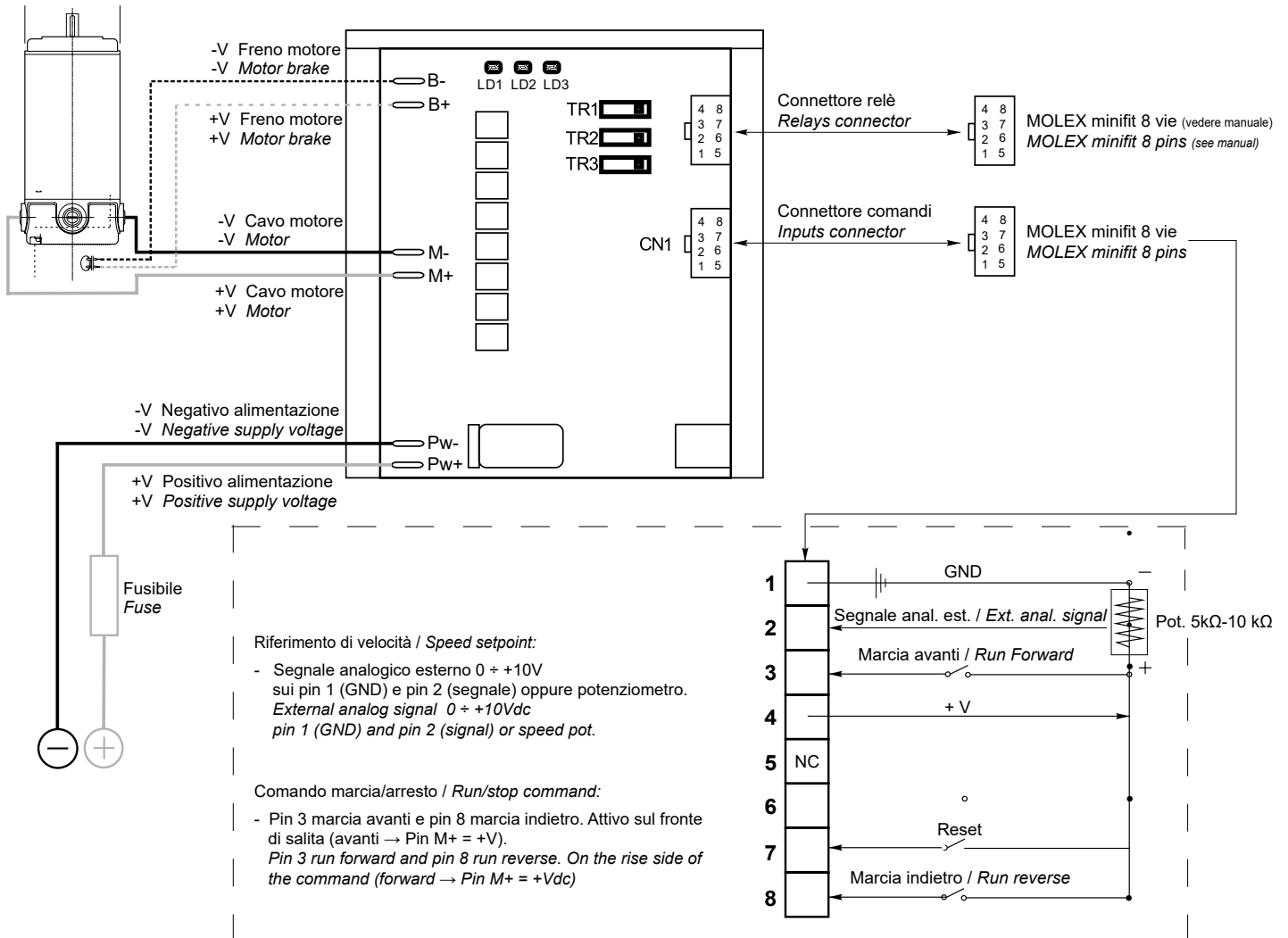


TTB-RC040



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Verkabelung



Fuse:

150-200 % rated motor current. Max 3 times rated current of the drive (trip time in few seconds).

Multiturn trimmers:

TR1: Acceleration time: from 0.5 to 10 sec.

TR2: Current limitation: rated current limited from 100% to about 30% (peak current 3 times the selected limited current).

TR3: Deceleration time: from 0.5 to 10 sec.

LED:

LD1: ON when the drive runs under current limitation (motor requires more than the rated current and drive supplies only limited current).

LD2: Status: quick continuous flash = drive ok, slow coded flash = fault).

LD3: Power ON