

TRI Solo e LC

Control unit for vibratory feeder drives



Phase angle control for sorting and feeder systems or assembly automation.
For stepless power adjustment of vibratory feeder drives to the respective sorting material.



compact, robust, reliable

brief description

These low-cost devices of the TRI LC series are phase-angle controls for stepless power adjustment of the vibratory drive to the respective sorting material. Mains voltage fluctuations of +/- 10 % are automatically compensated. By setting the appropriate switch of the unit, the oscillation frequency at the output can be switched from 25 to 50 Hz and thus from 3,000 to 6,000 oscillations per minute. The release can be realized either via fixed voltage or via a potential-free switching contact.

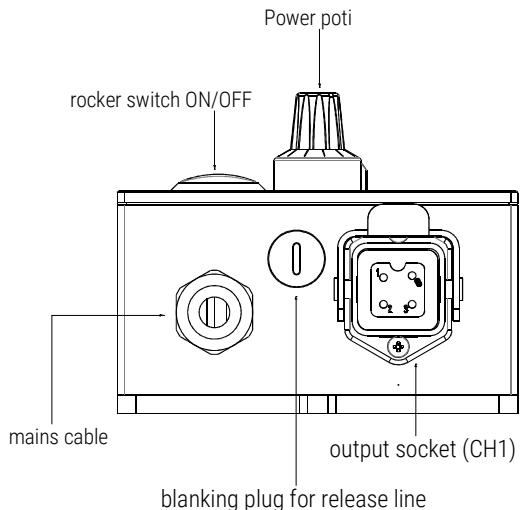
Areas of application for these control units are in particular feeder and sorting systems in machine and plant construction as well as in assembly automation in various industrial sectors.



features

- stepless electronic control of the drive
- switching between full-wave and half-wave operation (25/50 Hz) for 3,000 and 6,000 oscillations per minute respectively
- mains voltage compensation for constant oscillation amplitudes (conveying capacity)
- enable input: 24 VDC or potential-free contact
- soft start/stop control (0...22 sec.)
- soft stop can also be switched off separately
- parameter setting by means of jumpers and trimmers
- standard version: connection cable (Schuko) 1,5m and output socket (4-pin)
- robust anodized aluminum housing
- flange plate mounting (2 x M5 screws)

electric connections

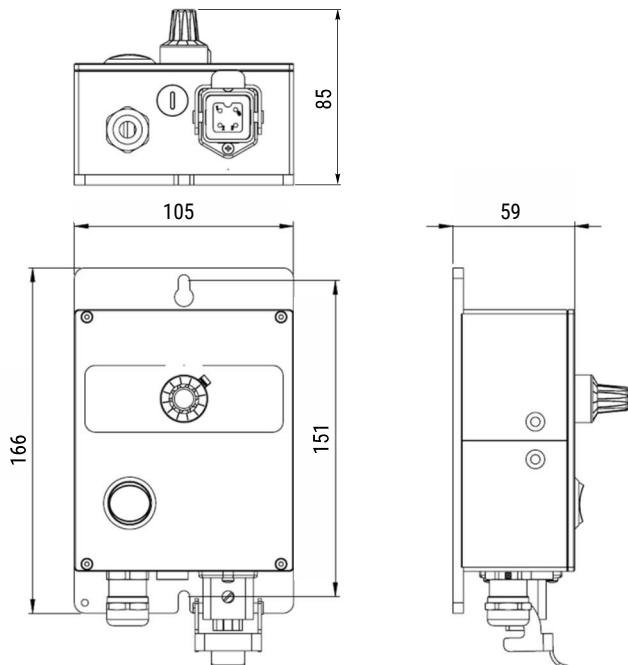


technical data

supply voltage:	230 VAC ($\pm 10\%$)
	optional 115 VAC
power frequency:	50 Hz (60 Hz)
input:	24 VDC
output current:	6 A (8 A)
output voltage:	0 V...210 VAC
ambient temperature:	5 °C ...40 °C
storage temperature:	-10 °C ...50 °C
protection class:	IP54

dimensions

weight: 900g



Subject to change without notice. Other model variants and special solutions on request.

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