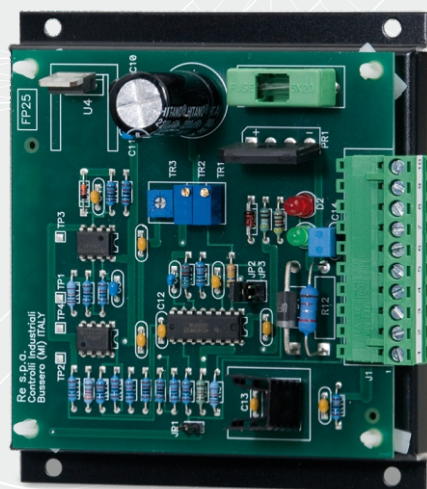




# FP.25

## CURRENT REGULATOR

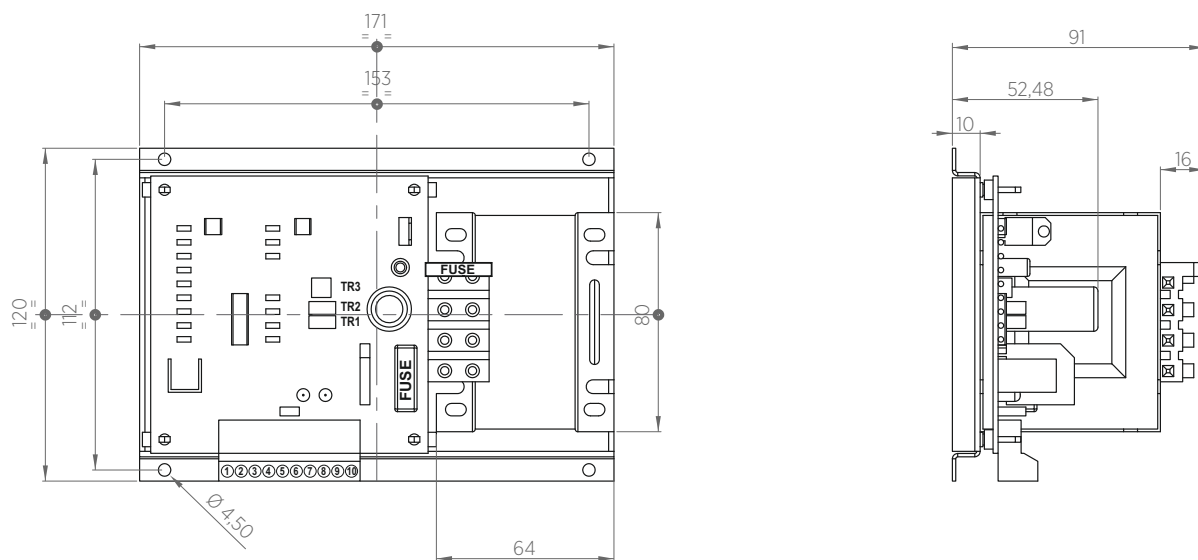
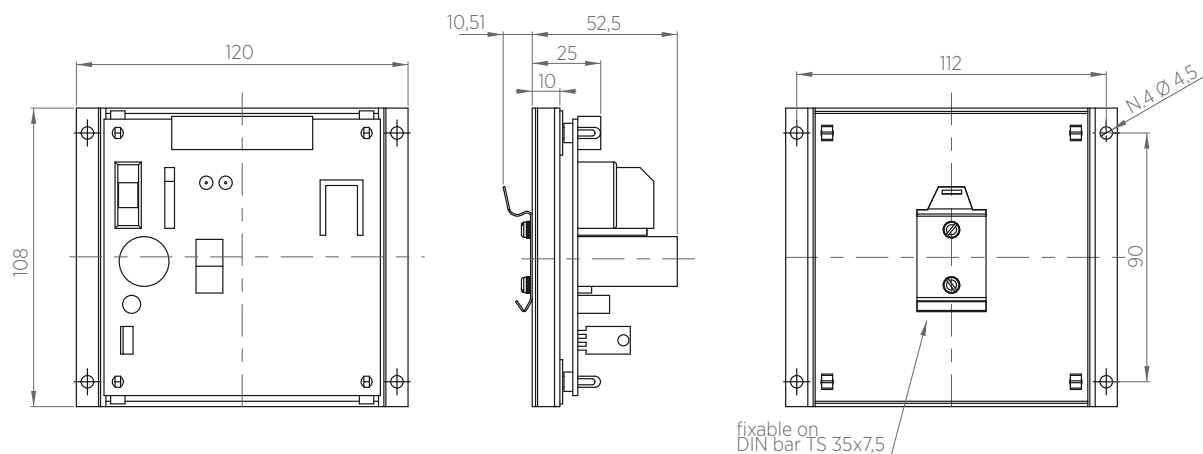


- ✓ Analogue current regulator
- ✓ Closed-loop current regulator
- ✓ Can be used with dancing roller
- ✓ Easy installation
- ✓ Easy calibration

The FP.25 board is an analogue current regulator that ensures the current supplied to the electromagnetic powder brake or clutch at the right level.

It is possible to use a closed current loop in order to guarantee that the torque remains stable, irrespective of variations in the supply voltage or the brake/clutch and ambient temperature.

The derivative parameter allows to use a dancing roller system. To simplify the installation procedure, the board is equipped with a 10 poles, screw locking connector.



TECHNICAL CHARACTERISTICS

|                     |         |                                       |
|---------------------|---------|---------------------------------------|
| Power supply        | FP.25/1 | 24 Vdc ( $\pm 10\%$ )                 |
|                     | FP.25/2 | 110/220 Vac -50/60 Hz - Fuse 3,15 A/T |
| Power               |         | 30 W max                              |
| Input               |         | 0-10 Vdc                              |
| Output              |         | 0-2 PWM                               |
| Current limiter     |         | TR1 from -50% to +50%                 |
| Polarization        |         | TR2 from 0% to 100%                   |
| Working temperature |         | 0÷50° C                               |

\*Data are subject to technical change without notice