NGD 130
Stepper Motor Controller

DIGITAL CONTROL
Inspection Systems
Smart Motion Devices



Programming Software

Ladtool

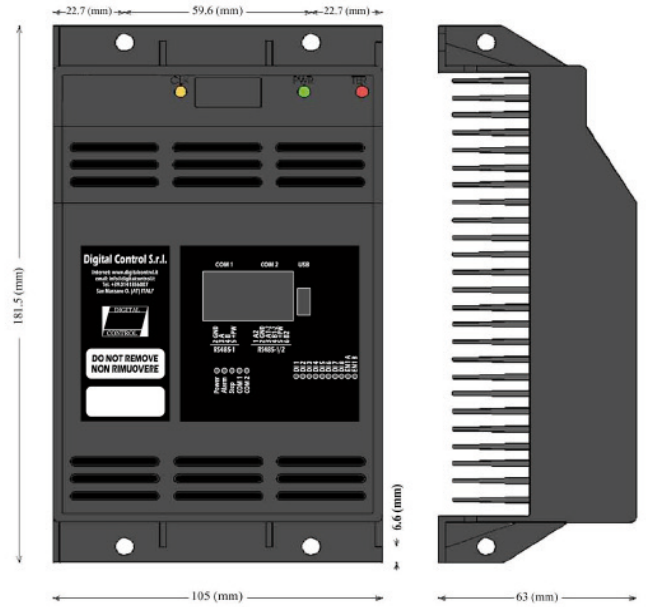
TECHNICAL DATA

Operating Voltage	30 - 130 VAC / 48 - 180 VDC
Rated Current	0 - 10A
Operating Temperature	0 - 80 °C
Parametrization	Browser based via RS485 with the LADTOOL Interface
Field Bus Interfaces	Modbus RTU or CANopen (future)
Encoder Inputs	1 input for quadrature encoder PNP 5-30 Vdc closed loop 1 input for quadrature encoder with zero PNP/PUSH-PULL/LINE DRIVE 5-30 Vdc
Input	8 digital input optoisolated 10-30V 3 analog/digital input isolated 0-10 16 bit/30V 1 USB for programming 2 RS485 H-duplex both for programming and data exchange
Output	4 digital output isolated PNP 30V max 100mA
Protective circuit	Overvoltage (programmable), Overtemperature (programmable), Polarity reversal protection, Short Circuits between two phases, between a phase and neutral or between a phase and earth (ground). Cable protection device (fuse) required in supply cable.
Auxiliary voltage	Output auxiliary voltage 12V 100mA Max (Optional = isolated).
Versions	NGD 130 M - Modbus RTU NGD 130 MA - Modbus RTU + Auxiliary power

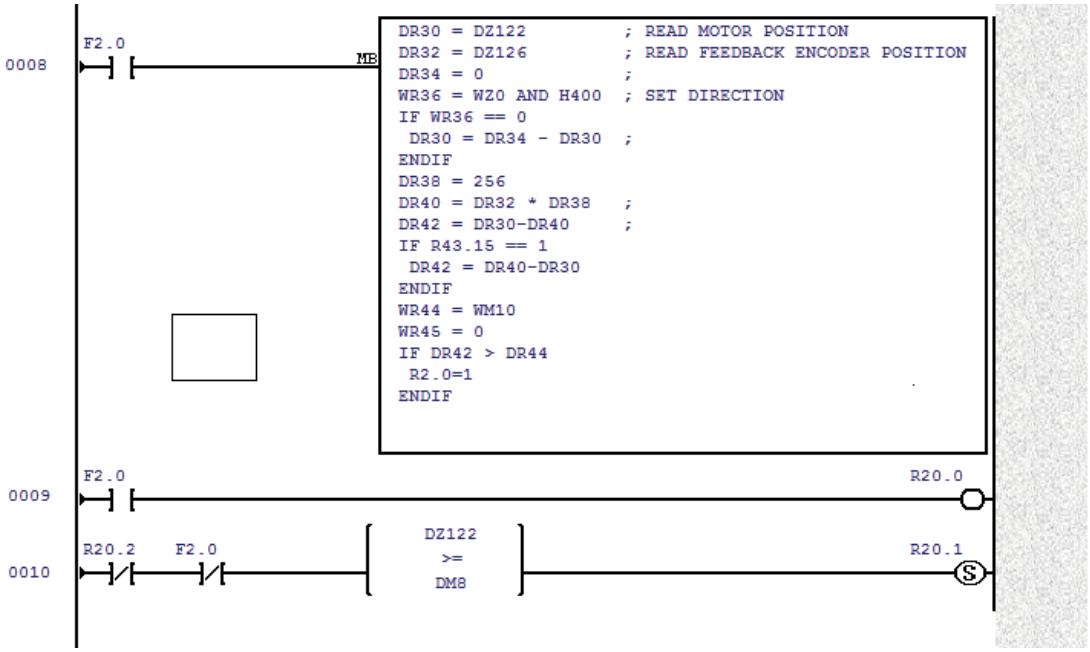
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DIMENSIONS (in mm)



EXAMPLE OF PROGRAM



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