X-PLUS ET Series Drives

EtherCAT®

INTRODUCTION

- New series of stepping motor drives with EtherCAT interface and direct input from the main AC power supply (from 110 V_{AC} to 230 V_{AC}).
- Optimized for coupling with SANYO DENKI stepping motors, fitted with encoder.
- Possibility to be connected directly from the main (from 110 V_{AC} to 230 V_{AC}), saving on transformer use.
- High performance in terms of power and able to further increase the application potential.

HIGHLIGHTS

- Communication by means of EtherCAT interface.
- Modes of operation: PROFILE POSITION and CSP.
- Full digital microstepping drive.
- Wide range of SANYO DENKI stepping motors to be coupled with: holding torque up to 9,2 Nm and flange size up to 86 mm.
- Extremely compact size.
- A highly sophisticated operation system, preserving anyhow the traditional ease of use of R.T.A. drives.

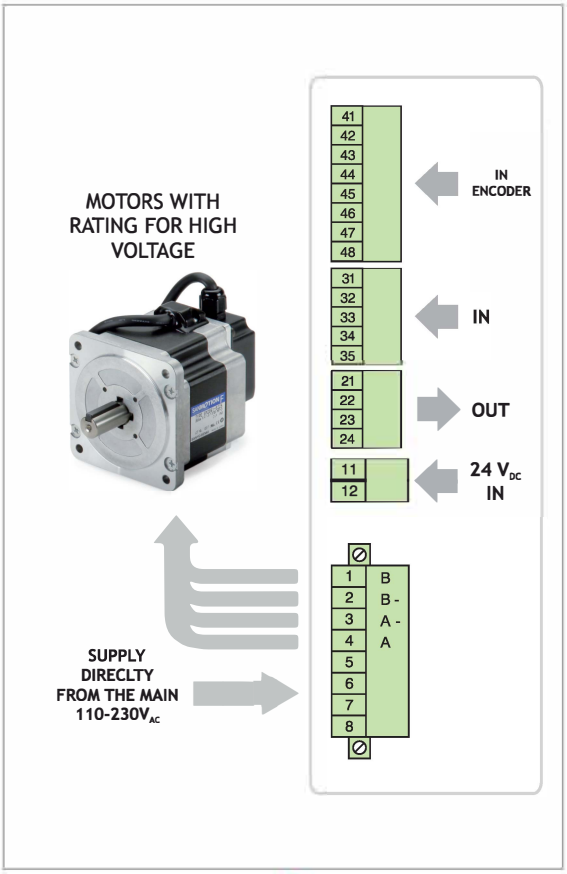
Series	Model	V_{AC} range	I nom.	Dimensions
		(Volt)	(Amp)	(mm)
X-PLUS ET	B4	110 to 230 +/- 15%	4.0	169x129x46

TECHNICAL FEATURES

- Range of operating voltages: 110-230 V_{AC}
- Protections:

  -Protection against under-voltage and over-voltage.
  -Protection against a short-circuit at motor outputs.
  -Overtemperature protection.
- Electronic damping facility for further acoustic noise and mechanic vibrations reduction.
- Available in boxed version with plug-in connectors. Maximum compactness.
- Optoinsulated auxiliary and programmable inputs and outputs.
- External fans not needed.
- Warranty: 24 months.

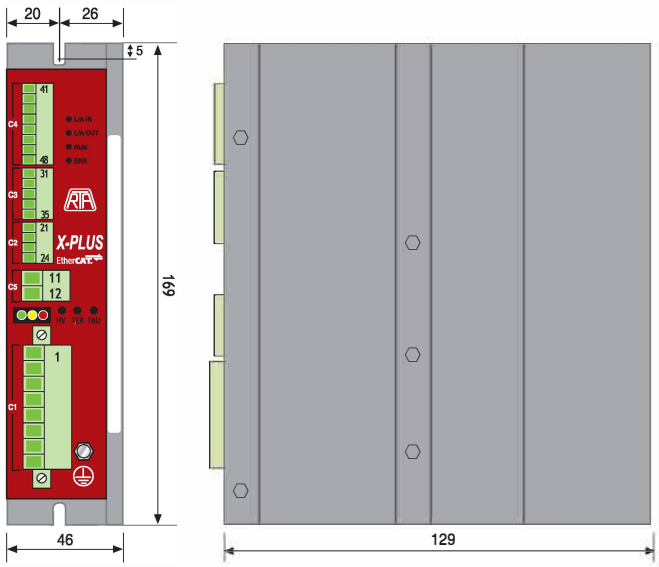
POWER AND LOGIC CONNECTIONS

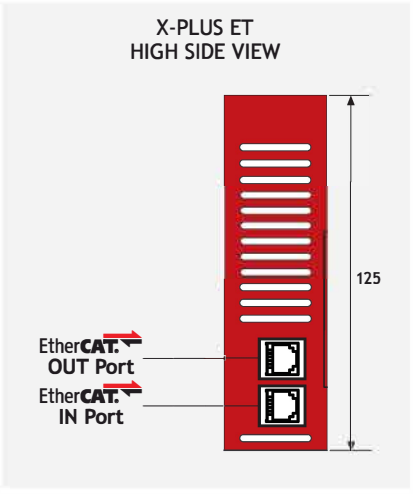


SETTING BY MEANS OF EtherCAT INTERFACE

- Wide range of motor phase current setting.
- Motor current overboost .
- Intelligent management of the current profile.
- Communication by means of EtherCAT (CoE) interface.
- Modes of operation: PROFILE POSITION and CSP.
- Different variety of HOMING operation modes.
- Encoder feedback.

MECHANICAL DIMENSIONS





Dimensions in millimeters - Not in scale.