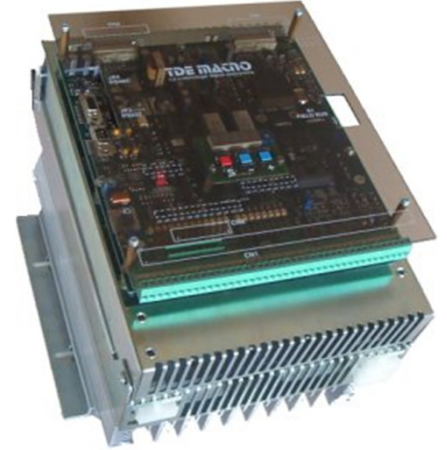


The CTRD type thyristor drives are static converters completely digital for speed control and torque of DC independent wound motors. A 16 bit microprocessor generates all converter functions, from ramp onto regulations and visualizations. The control algorithm is based on a model of the ensemble converter-motor which guarantees a particularly quick state dynamic. It is possible to change the parameters of the drivers by: a serial optoinsulated line managed by a P.C., an apposite terminal or keypad on board. The PC permits to save the parameters on a disk, as well they transfer to other drivers. All parameters are reachable by a multi-level menu. The units are supplied with internal default parameters.

The most modern technology increases the converter performance.



4Q, Digital, DC Motor Drivers with Integrated Keypad

Model	DC Current	Output (kW)	Field	AC Supply
8 S Y T 030 001	30	12	Included	3φ 200 - 440 Vac
8 S Y T 050 001	50	20	Included	3φ 200 - 440 Vac
8 S Y T 080 001	80	32	Included	3φ 200 - 440 Vac
8 S Y T 140 001	140	56	Included	3φ 200 - 440 Vac
8 S Y T 200 001	200	80	Included	3φ 200 - 440 Vac
8 S Y T 280 001	280	112	Included	3φ 200 - 440 Vac
8 S Y T 360 001	360	144	Included	3φ 200 - 440 Vac
8 S Y T 450 001	450	180	Included	3φ 200 - 440 Vac
8 S Y T 600 001	600	240	Included	3φ 200 - 440 Vac
8 S Y T 800 001	800	320	Included	3φ 200 - 440 Vac
8 S Y T 1000 01	1000	400	Included	3φ 200 - 440 Vac

General Specifications

- 220 V. AC – 440 V. AC Supply rNge (Max. 550 V. AC optimal)
- Automatic adjustment of Current Loop
- By RS232 and RS485 seri communication programming and identification
- Adjustable inputs - outputs
- Integrated keypas
- From 30 A. to 1000 A.
- Feedback by tacho generator or encoder
- Automatic adaptation to frequency (50/60 Hz.)
- Input - Outpur leds
- Lineer or S ramp
- 2 Integrated jog reference
- Basic Speed referance : analog or seri communication
- Inputs for torque limits on 4 Q fields
- 11 Optic insulated inputs
- 8 Digital outputs
- 3 Analog output (speed, current, 1 programable)