

P R E S S – R E L E A S E 2008-07

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The Return of a Classic

MSX is the revamped version of Phytron's well proven MSO MINI stepper motor power stage. The technology advantages, appreciated by thousands of satisfied customers, are retained with the addition of some cutting edge features.

The MSX power stages for 2 phase stepper motors are available in three performance classes:

5 / 10 / 15A peak current with 120 V_{DC} supply. The maximum control pulse frequency is 5MHz at 100ns minimum pulse width.

The development of the MSX was focused on producing an optimum stepper motor drive. This is assured by the patented Synchrochop current regulation in addition to selectable current shaping and current optimization profile improvements. More torque at higher frequencies is achieved with a dynamic overdrive boost function. The fine step resolution of up to 1/20 step reduces low resonance conditions and provides smoother running.

This plug-in module has a standard format – European size 100 x 160mm – with front LED indication and slots into 19" / 3U sub-racks. Opto-isolated inputs and outputs minimize error signals to enhance reliable operation in most environments. Rotary selector switches behind the front panel are used for fast and simple set up of the step resolution, run and stop currents.

More information on our Homepage www.phytron.de.