



Smart-Move™ into the Future...

208-230-385-415-460-575 VAC

GANG-SET™
Instant
Programming
Included!

Bridge/Trolley & Hoist
variable speed solution!

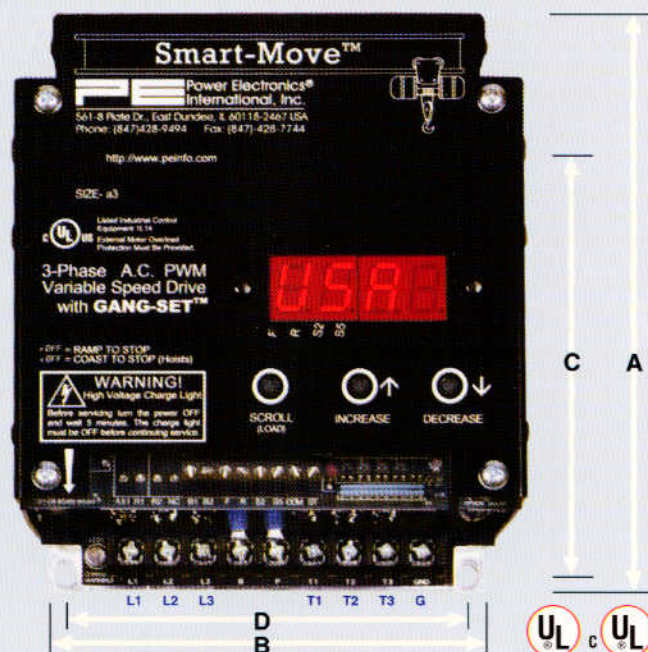
Dynamic
braking
built in!

Very Small Size
4.2 lbs.
6"x5.5"x5.38"

115vac control
inputs built in!
(others available)



SMART-MOVE™



SIZE	Outside Dim.		Mounting Dim.		DEPTH	WEIGHT
	A	B	C	D		
a3	6"	5.5"	5.5"	5"	5.38"	4.2 lbs.
	(15.2cm)	(14cm)	(14cm)	(12.7cm)	(13.7cm)	(1.9kgs.)

Features

Includes most of the same features of Micro-Speed® drives including Gang-Set™ (instant programming in the field) crane diagnostics, permanent memory, individually settable parameters, etc.

Hoist-Bridge-Trolley-Monorail

Designed from the ground up! Not a re-programmed Generic drive. All hardware & software is specifically designed for reliability and ease of use for overhead equipment (hoists must have internal mechanical load brake).

Temperature & Electrical Specifications

DRIVE TEMP RANGE: normally -10°C (14°F) to 50°C (122°F) standard CMAA Class D usage.

VAC RANGE: 460VAC +10%, 208 & 230 = 208VAC -10% to 230 +10% . 575VAC = 575 +7%, -10%.

385-415VAC are available for 60 or 50Hz (see universal VAC units). Specifications are subject to change without notice. For control panel mounting. Larger drives available in Micro-Speed® series.

ST Overload

Only a simple connection through the auxiliary n/c contact on a motor overload or connection to a motor thermal switch is needed. When the overload trips are sensed, the motor is turned off, the brake sets and a fault code is registered in memory.

B1, B2 Brake Control Relay

Electromechanical brakes are controlled automatically. Simply add a brake contactor to this n/c relay and the Smart-Move™ does the rest! See also Solid State Brake Contactor Option.

D.C. Injection Braking

DC power is "injected" into the motor winding near the stopping speed point. This effectively "stops" the motor without the wear on mechanical "holding" brakes. Also works great on motions which do not require holding brakes!

2 & 3 Position Infinitely Variable Speed Control — Included!

2-position Infinitely Variable Speed control and 3-position Infinitely Variable Speed control are simply a push of a button away! Obtain any intermediate speed you desire from a standard 2 or 3 position push button station or radio/IR control! (Fully explained in Micro-Speed® CX™ brochure). Standard 1, 2 or 3 speed settings are also included — complete with acceleration, deceleration, Quick-Stop™/Quick-Plug™/Quick-Jog™ functions and more!

F, R, S2, S5, (COM) 115VAC Control Inputs

Forward (F), Reverse (R) are used for low speed control (or single speed control). S2 & S5 inputs can be utilized for two additional speeds or of course 2 & 3 position Infinitely Variable Speed control. "Com" is the common wire input. No interface cards needed! 24VAC/VDC and other control voltages are also available.

MODEL	HP	VOLTAGE	AMPS
MSM2A23	.5	208/230	2.4
MSM4A23	1	208/230	4.3
MSM5A23	1.5	208/230	5.9
MSM7A23	2	208/230	7.5
MSM1A*	.5/.25	460/230	1.2
MSM2A*	1/1.5	460/230	2.4
MSM4A*	2/1	460/230	4
MSM5A*	3/1	460/230	5.4
MSM4A57	3	575	4
MSM1A57	.5	575	1.5
MSM2A57	1	575	2.4
MSM3A57	1.5	575	3

*These models are UNIVERSAL
VAC - 208, 230, 385, 415, 460

Solid State Brake Contactor Option

SSB1 208-230 vac single phase
SSB2 208-460 vac single phase

The SSB is a specially engineered product for use on new Smart-Move™ drives that will save panel space, wiring and installation time by eliminating the need for an A.C. brake contactor. The small footprint of the Smart-Move™ is not compromised since the SSB attaches easily to the drive. Easy to attach and easy to wire. The advantage of this options is that no contactor for switching a "high" voltage AC brake is needed on a control panel — single phase only. The unit is available in both a 208-230VAC version — SSB1 and a Universal Voltage version 208 through 460VAC — SSB2. The option can be attached at the factory or in the field if required.



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MOTOR CONTROL INNOVATION

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