



## WHEN ORDERING, PLEASE INCLUDE THE FOLLOWING:

- voltage and phase required
- motor horsepower
- pendant control cord length – up to 50 feet, and
- pendant control labeling – For/Rev or Up/Down

## Options

- **Special current or horsepower ratings**
- **Special rated enclosures** for explosive or harsh environments
- **Multi-speed Controls**
- **Torque Limiting Controls**
- **Power Cord Disconnects**
- **UL-listed Controls**
- **Various Selector Switches** and pilot lights

## Single Speed Electric Motor Controls

Single Speed Reversing Magnetic Controls for 1 and 3 phase motors up to 60 hp

- **UL, IEC or CSA Recognized** components throughout.
- **Steel Enclosure** NEMA 4 rated (watertight) keeps dirt and water out. Approved for most outdoor applications.
- **Pendant Control Switch** NEMA 4X rated (watertight), on 50-foot cord, allows operator to stand away from winch during operation. Pendant control is operated with momentary contact-type push buttons. Cord lengths of less than 50 feet are available. Please specify when ordering.
- **Reversing Contactor** is electrically and mechanically interlocked to deliver smooth reversing control.
- **Thermal Overload Relay** trips power OFF to protect motor from overheating. Switch is manually reset.
- **Fused Control Circuit** powers pendant with 115 volt, 2 amp current to help protect against high voltage shocks.
- **Wiring Diagram** is supplied inside enclosure.
- **Steel Mounting Bracket** secures control box to winch.
- **Explosion Proof Controls** also available. Please contact Thern for more information.
- **Two-year Limited Warranty**

## Single Speed – Electric Motor Controls – Horsepower Ratings

Model Number	Maximum Rated Motor Horsepower for Power Supply Current					Approx. Ship Weight	
	115 / 1 / 60	230 / 1 / 60	208 / 3 / 60	230 / 3 / 60	460 / 3 / 60	(lb)	(kg)
10S2A4	to 1.5 hp	–	–	–	–	25	12
10S3B4	–	to 3 hp	–	–	–	25	12
10S3C4	–	–	to 3 hp	–	–	25	12
10S7C4	–	–	to 7.5 hp	–	–	25	12
10S10C4	–	–	to 10 hp	–	–	28	13
10S20C4	–	–	to 20 hp	–	–	28	13
10S3D4	–	–	–	to 3 hp	–	25	12
10S7D4	–	–	–	to 7.5 hp	–	25	12
10S10D4	–	–	–	to 10 hp	–	28	13
10S20D4	–	–	–	to 20 hp	–	28	13
10S30D4	–	–	–	to 30 hp	–	60	28
10S7E4	–	–	–	–	to 7.5 hp	25	12
10S15E4	–	–	–	–	to 15 hp	25	12
10S20E4	–	–	–	–	to 20 hp	28	13
10S40E4	–	–	–	–	to 40 hp	60	28
10S60E4	–	–	–	–	to 60 hp	60	28

Controls include NEMA 4 enclosure and NEMA 4X push button pendant control on 50-foot cord. Please contact Thern or nearest Thern Distributor for firm, fixed price and delivery.

## IMPORTANT:

It is the owner or operator's responsibility to determine the suitability of the equipment to its intended use. Study all applicable codes, manuals and regulations. Be sure to read the Owner's Manual supplied with the equipment before operating it.



These products are not for lifting people or things over people.