

Introduction

► **Feature**

- Lifting capacity: 500 kg
- Lifting height: 3 m
- Line speed: 6.5 m/min
- Brushless DC motor output: 500w x 6.6A at 200-240V
- Brake: Dual brakes of double mechanical ratchet pawls and a motor dynamic brake
- Control: Pendant switch powers the hoist

► **Unpacking**

- Hoist assembly 1pc
- Load chain 6.3 mm x 3.5 m w/hook tackle 1pc
- Power lead 2.0 mm² x 3C x 3m w/2 flat pins plug for PN 445301 1pc
- Power lead 1.5 mm² x 3C x 3m w/3 round pins plug for PN:445312 1pc
- Pendant switch PB-418 w/cord 0.5 mm² x 7C x 3m 1pc

► **Read this manual carefully**

You should carefully read and understand this manual before operating it. Careless hoist operation may result in personal injury hazards or property damage.

► **Information requesting or parts ordering**

Please specify the followings information:

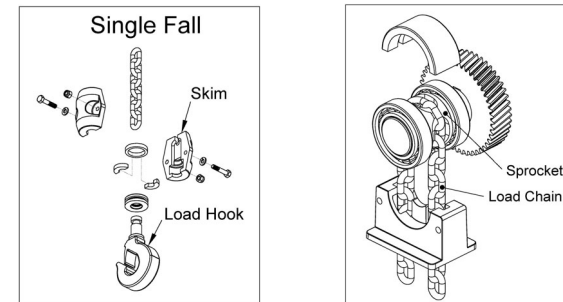
- Hoist PN
- Quantity for each part
- Part description
- Serial number
- Replacement part

Installation

Before using the hoist, make sure all electrical components have no corrosion or damaged; the environment should be clear and dry.

► **Load Chain Replacement**

- 1). Be sure that the replacement chain is the exact size, grade and constructions as the original chain. The new load chain must have an odd number links so that both its end links have the same orientation. Destroy the old chain to prevent its reuse.
- 2). When replacing load chain, check for wear on mating parts such as sprocket , and replace parts if necessary.
- 3). Remove all chain components including load hook kit from the old chain for reuse on new chain. Inspect and replace any damaged or worm parts.
- 4). Using a C-link to attach the new chain to the old end link on the no-load side. The new end link should be connected so the welded portion to pass over the sprocket.
- 5). Operate the hoist down to move the chain through the hoist body. Stop when a sufficient amount of new chain is accumulated on the load side.



► **Wiring Diagram**

