

# INSTALLING INSTRUCTIONS OF SCREEN WINCH FOR MAJOR PRO-C



Before installing the screen winch system, please read the following instructions carefully:



- *The screen winch system must be used **INDOORS ONLY**.*
- *The screen winch system must be installed by **qualified personnel only**.*
- *Incorrect use of the screen winch system, including exceeding the maximum lifting weight, would be dangerous and invalidate the warranty.*
- *At least every 6 months, please check that all bolts are well tightened and that the steel wires are in perfect conditions.*
- *It is forbidden to stay under the lift*

The manufacturer and his agents do not take responsibility for any damage to property or personal injury if the lift is used outside of recommended specifications.

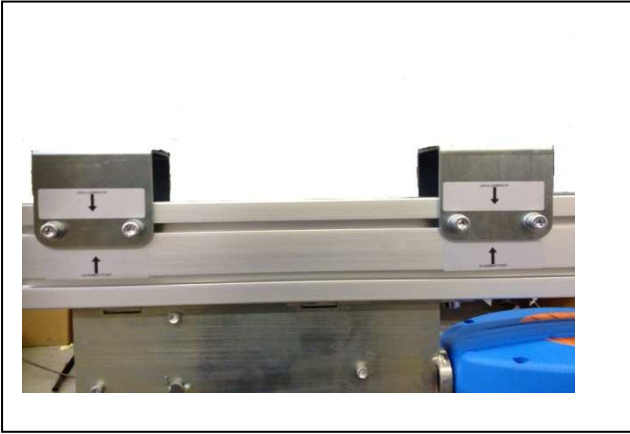


This product uses a 230 V AC motor. **DO NOT** attempt to carry out repairs to the motor, there are no user serviceable parts.

Incorrect servicing could lead to risk of electric shock. For any repairing, please contact directly the dealer you purchased the unit from. In the event of a fault please contact the dealer /supplier. Warranty is 24 months Return To Base.

The screen winch system is  certified.

The screen winch system is ready to be lifted up towards the ceiling using the brackets mounted at the upper side



Use all the “five” brackets to fix the winch to the ceiling.

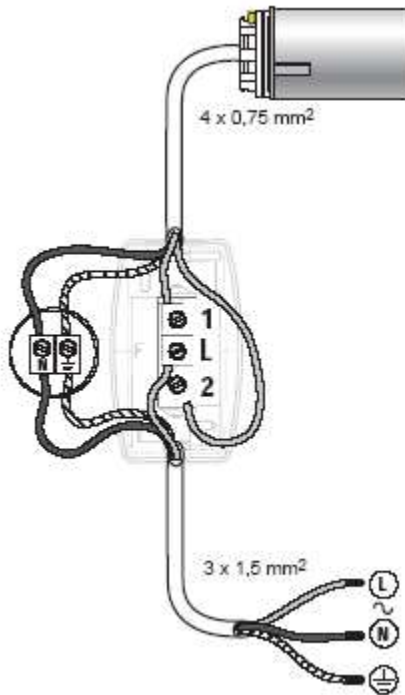
If needed you can move these brackets a couple of centimeter left or right.

Do the same at the left, center and right end of the structural beam.

Take care to use adequate screws and wall plugs, (not included in the packaging) in order to fix and support at the ceiling the winch system and screen (total weight approx. 200 Kg.).

#### ELECTRIC CONNECTION OF SCREEN WINCH SYSTEM

Connection of the power supply must be carried out by qualified personnel only, using the scheme showed below. Pay attention to wires colour and fix the switch near the winch system because during the scrolling up or down the winch should be visible to the operator!! Never connect more than one motor to the same switcher. Use the supplied switcher only.



MORSETTI TERMINALS	ALIMENTAZIONE POWER SUPPLY	MOTORE (EUR) MOTOR (EU)	MOTORE (US) MOTOR (US)
L	FASE PHASE (L)		
N	NEUTRO NEUTRAL (N)	BLU BLUE	BIANCO WHITE
W	TERRA EARTH (W)	GIALLO VERDE YELLOW/GREEN	VERDE GREEN
1		NERO O MARRONE BLACK OR BROWN	NERO O ROSSO BLACK OR RED
2		NERO O MARRONE BLACK OR BROWN	NERO O ROSSO BLACK OR RED

Fix at each winch steel cable (left and right) a ballast weight of 5 Kg. and activate the motor of the winch system in order to roll down both steel cables. In case it stops in a too high position, adjust the end stop.

To adjust the lower end stop of the winch system, press the yellow button on the motor, activate the switcher of the motor in downwards direction till you reach the desired position and release the yellow button in order to memorize the end stop position.



Fit the mounting system of the winch steel cables into the grooves located in the upper part of the screen housing. See picture left.

Do the same at the left side of the screen.



This mounting system has to be positioned at 5 cm from the end of the screen housing. See picture left.

Tight well the screws of the mounting system.

Do the same at the other side of the screen housing.



Fix the winch steel cable to the mounting system as shown in the picture left.

Do the same with the other steel cable at the other side of the screen housing.



Tight or loosen the nuts at the end of the ties of the winch steel cables, in order to adjust the screen housing perfect horizontally.

After you have adjusted the ties in the desired position, tight well the security self-locking nut.



Now connect the steel cable of the safety system like shown in the picture left.

Do the same with the other safety system steel cable at the opposite part of the screen housing.



At the right side of the screen housing, mount the white bracket needed for the power cable of the cable coiler. Fit also this bracket into the grooves located in the upper part of the screen housing and fix it with the supplied screws.



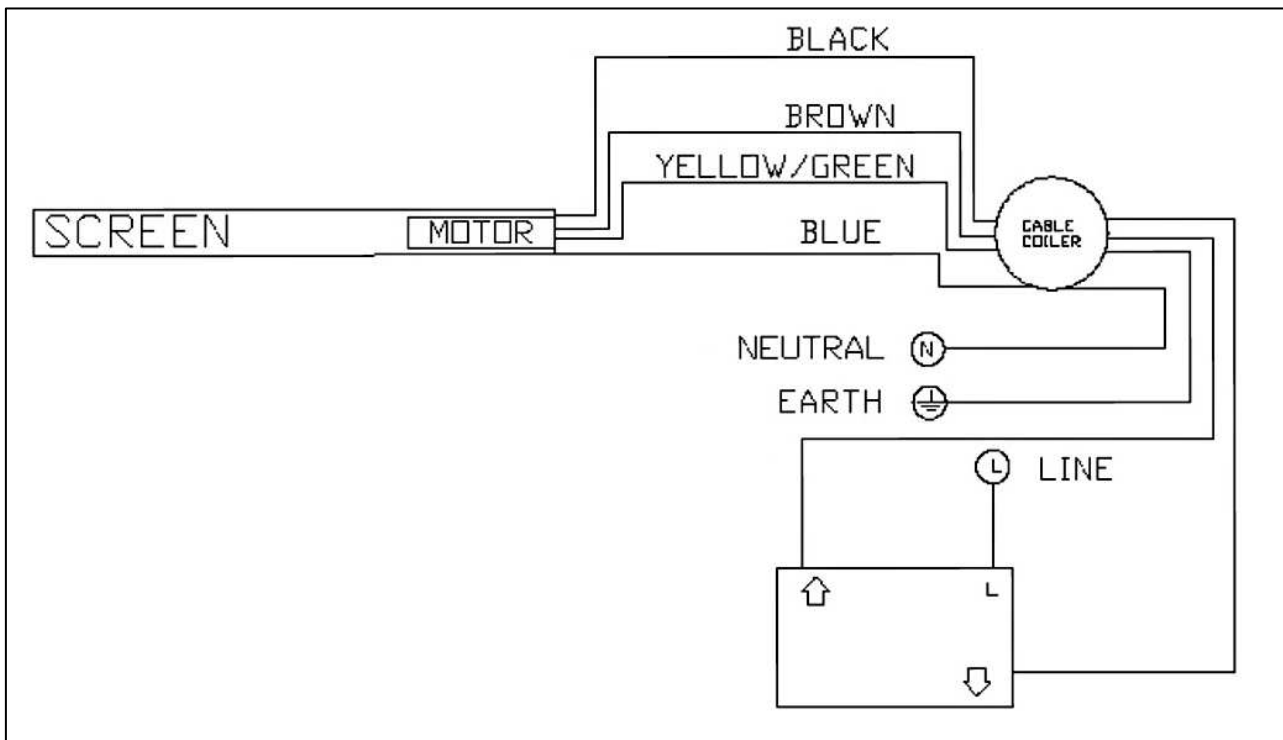
Fit the power cable of the cable coiler through the upper hole of the white bracket and block it with the supplied wire clamp. See picture left.



Cut the power cable of the electric screen to the desired length and fit it into the power connector box together with the output power cable of the cable coiler.

Connect the cables together, with the connectors supplied (as shown in picture left).

For the electrical connection of screen and the input cable of the cable coiler to the 220 V mains, see schematic diagram below, using the supplied switcher.



Now the screen winch is ready to be used.

Before to set the desired positions of lower end stop, roll up and down the winch a couple of times, so that the steel cables are settled well.

Take care that the upper end stop adjustment (white push button on the motor) is not positioned too close to the winch mechanism, because this can damage the mechanism. **The HIGHEST upper end stop ALLOWED is that the upper part of the screen housing stops at least at 2 cm. distance from the green strip of the triangular part.**

WHITE BUTTON ON THE MOTOR IS FOR SETTING OF UPPER END STOP

YELLOW BUTTON ON THE MOTOR IS FOR SETTING OF LOWER END STOP

To adjust the upper end stop press the WHITE button on the motor, activate the switcher of motor in upwards direction till you reach the desired position and release the WHITE button in order to memorize the end stop position.