

20kg



### The cost effective maintenance solution for luminaires

#### FEATURES

- Designed for use of heavier weight light fittings.

#### TYPICAL APPLICATIONS

- Workshops, Factories, Warehouses and installations that demand heavy weight light fittings.

#### PRODUCT TYPE

	YOB03008	YOB0300820
Maximum lowering distance	15m	20m
Maximum weight of light fitting	20kg	

#### PATENTS

Major European patents are granted.



\* The high bay light is not included in luxlift.

## SPECIFICATIONS

### 1. Rated specifications

	YOB03008	YOB0300820
Operating voltage and frequency	AC230V 50Hz	
Power input	95W	
Current	0.44A	
Starting current	0.88A	
Net weight	11.8kg	12.0kg
Dimensions	390mm x 290mm x 170mm	
Ambient temperature	-15°C to 40°C	

### 2. Construction

	YOB03008	YOB0300820
Protection class	IP20	
Insulation class	Class I	
Wire	2.0mm dia. stainless steel	
Motor	Induction motor	
Safety catch/VDE0108	Yes	

### 3. Lowering/raising specification

	YOB03008	YOB0300820
Max. weight of light fitting	20kg	
Lowering distance	15m	20m
Lowering/raising speed	1.0 – 1.7m/min.	1.0 – 2.0m/min.

### 4. Lamp circuits

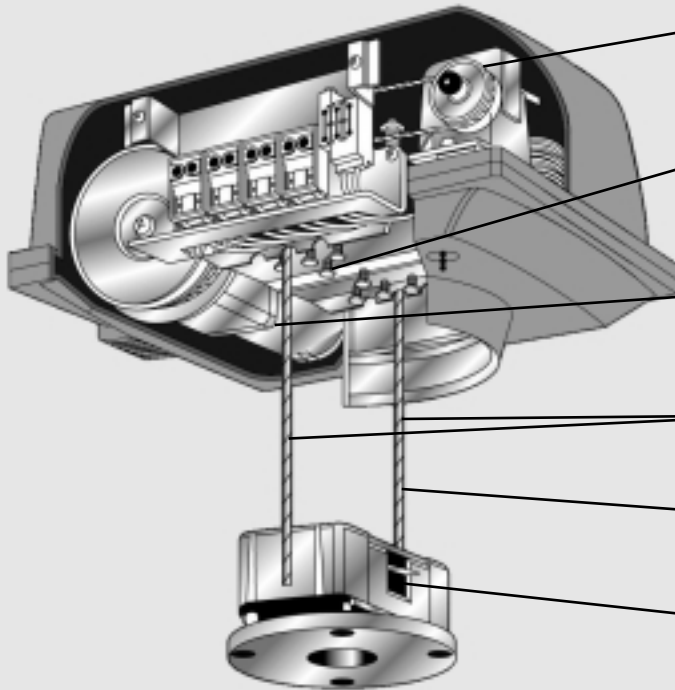
	YOB03008	YOB0300820
No. of circuit	4	
No. of contact	8	
Capacity	12A, 300V/circuit	

### 5. Standards and regulations

	YOB03008	YOB0300820
Safety standards	TÜV, VDE, CE marking DIN VDE0700 Part 1/11.90 DIN VDE0700 Part 238/10.83 VBG 8/01.93	
EC directives	Machines (98/37/EEC) EMC (89/336/EEC) Low voltage (73/23/EEC)	

## CHARACTERISTICS

Exploded view of luxlift



### Auto-Stop Mechanism

When lowering, the **luxlift** stops automatically if its decent is interrupted or when it reaches the ground.

### Automatic Electrical Connection

Electrical contact is made by way of spring loaded contacts within the main unit of the **luxlift** and the fixed contacts of the lift coupler.

### Highly Reliable Induction Motor

The direction of travel can be instantly reversed.

### Dual-Wire Suspension System

The dual-wire suspension system provides enhanced stability and increased safety.

### Stainless Steel Suspension Wires

The stainless steel suspension wire is resistant to corrosion.

### Dependable Fail-Safe Mechanism

In the event of a mains failure the light fitting will remain locked in position and securely attached.

### • Induction motor

□ **luxlift**'s reliable, powerful, maintenance free induction motor allows the direction of travel to be reversed at the turn of a switch for quick and easy lowering and raising of the light fitting. □

### • Stable two-wire lowering and raising

□ The two-wire system lowers and raises the light fitting whilst preventing twisting and swinging, for safer, more stable operation. □

### • Instant connection between the light fitting and the luxlift

□ With the light fitting securely connected and attached to the lift coupler, electrical contact is made automatically when the

**luxlift** is in its final operating position. □

□ Note: Be sure to switch off the power to the light fitting before operating the **luxlift**. □

### • Easier maintenance with no load lowering

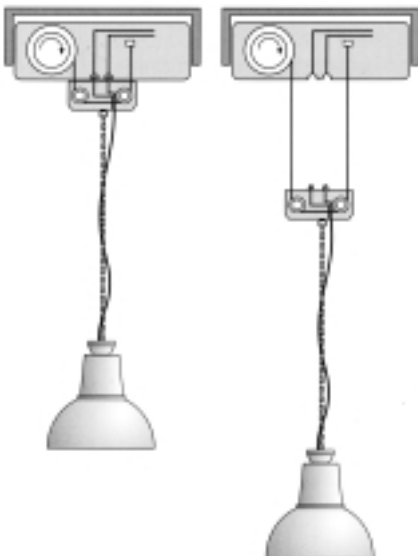
□ The lift coupler will lower under its own weight so that the light fitting can be affixed to the lift coupler at ground level if required. □

### • Auto-Stop function

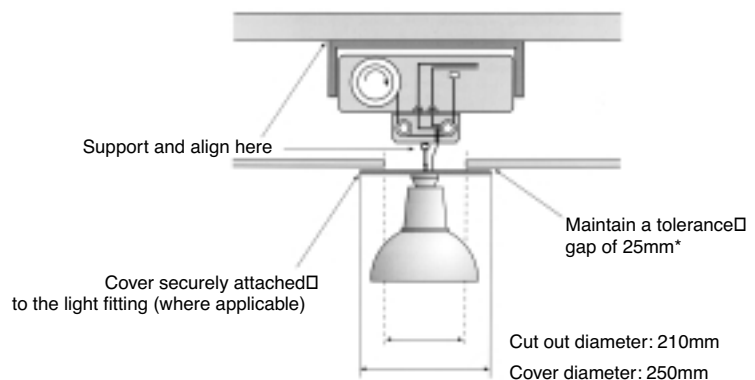
□ To prevent damage, if, during the decent, the light fitting is interrupted or when it reaches the ground, the 'Auto-Stop' function will operate. To continue operation the **luxlift** will need to be reset by switching OFF and ON again.

## INSTALLATION EXAMPLES

### • With pendant type light fitting



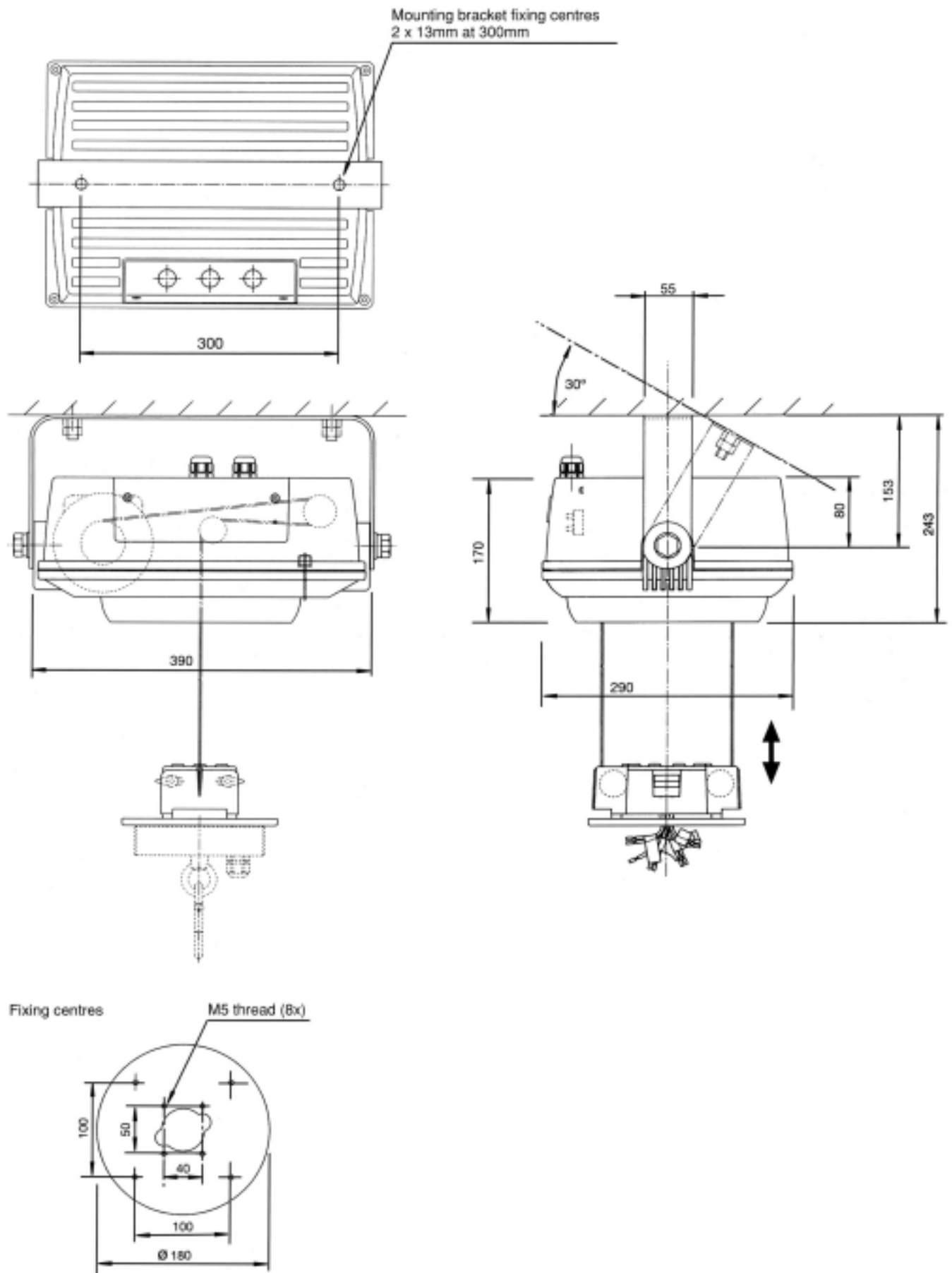
### • In false ceiling



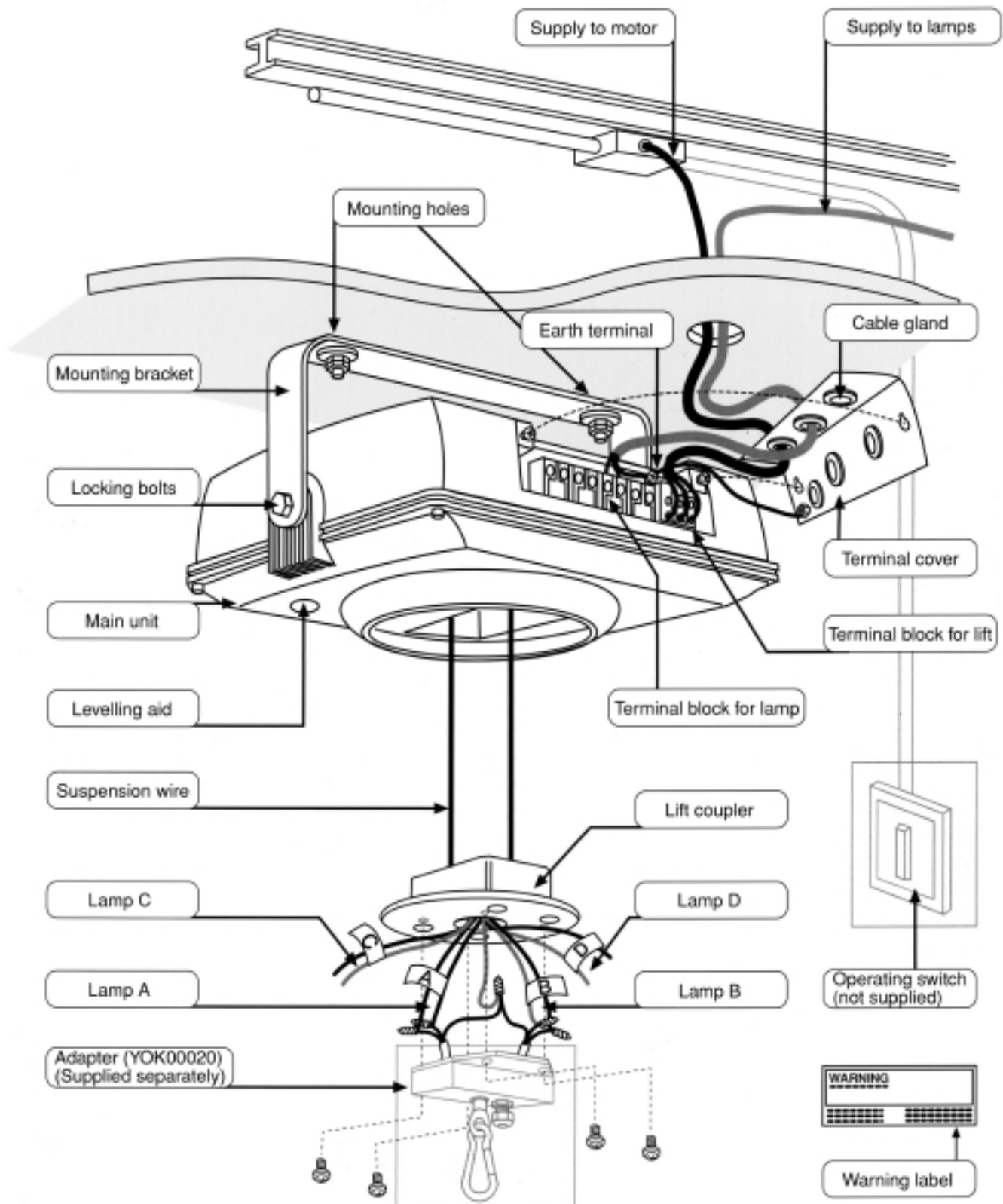
### Important:

The lift coupler ascends approx. 20mm into the housing to release the safety catch before lowering the light fittings.

# DIMENSIONS



# INSTALLATION

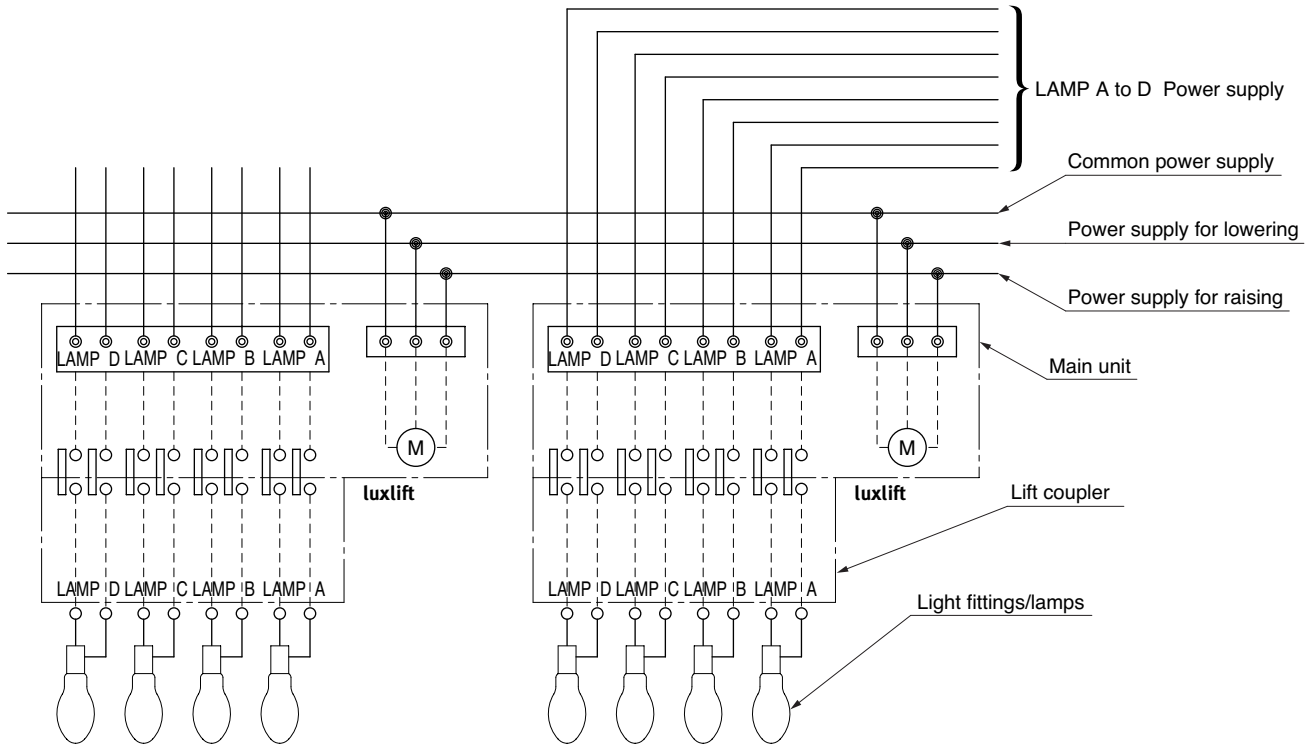


## ATTENTION:

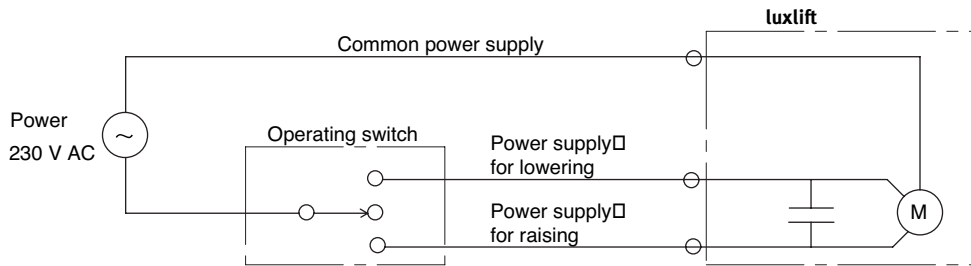
Please connect all electric cables in conformance with the standards of your country!

# WIRING DIAGRAM

## Connection of luxlift



## Connection of operating switch



# OPTIONAL PARTS



YOK00020, Adapter □  
for luxlift 20kg type



YOK00522, Flat angle bracket □  
for luxlift 20kg type (2 pcs./set)



YOK00521, Cover □  
for luxlift 20kg type

## NOTES

- This equipment is designed for indoor use only, not for outdoor nor in corrosive atmosphere.

## PACKING INFORMATION

Type	Q'ty	Dimensions	Volume	Net Weight	Gross Weight
YOB03008	1pc.	463×348×260mm	0.042M3	11.8kg	13.5kg
YOB0300820				12.0kg	13.7kg

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