

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

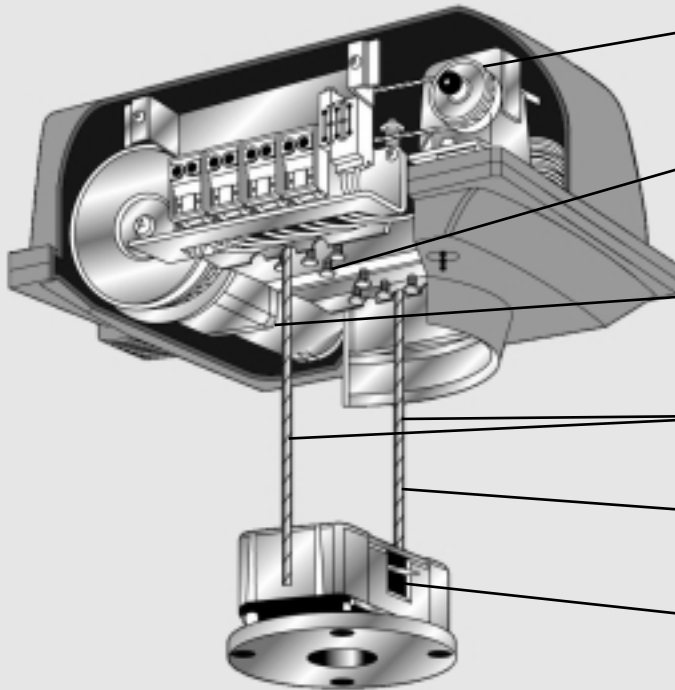
	YOB03008	YOB0300820
No. of circuit	4	
No. of contact	8	
Capacity	12A, 300V/circuit	

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

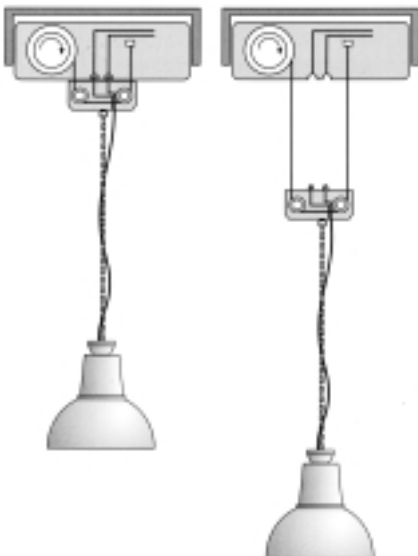
□ The lift coupler will lower under its own weight so that the light fitting can be affixed to the lift coupler at ground level if required. □

• Auto-Stop function

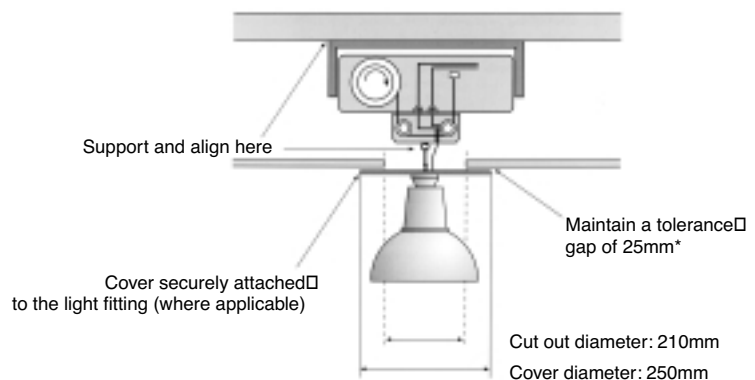
□ To prevent damage, if, during the decent, the light fitting is interrupted or when it reaches the ground, the 'Auto-Stop' function will operate. To continue operation the **luxlift** will need to be reset by switching OFF and ON again.

INSTALLATION EXAMPLES

• With pendant type light fitting



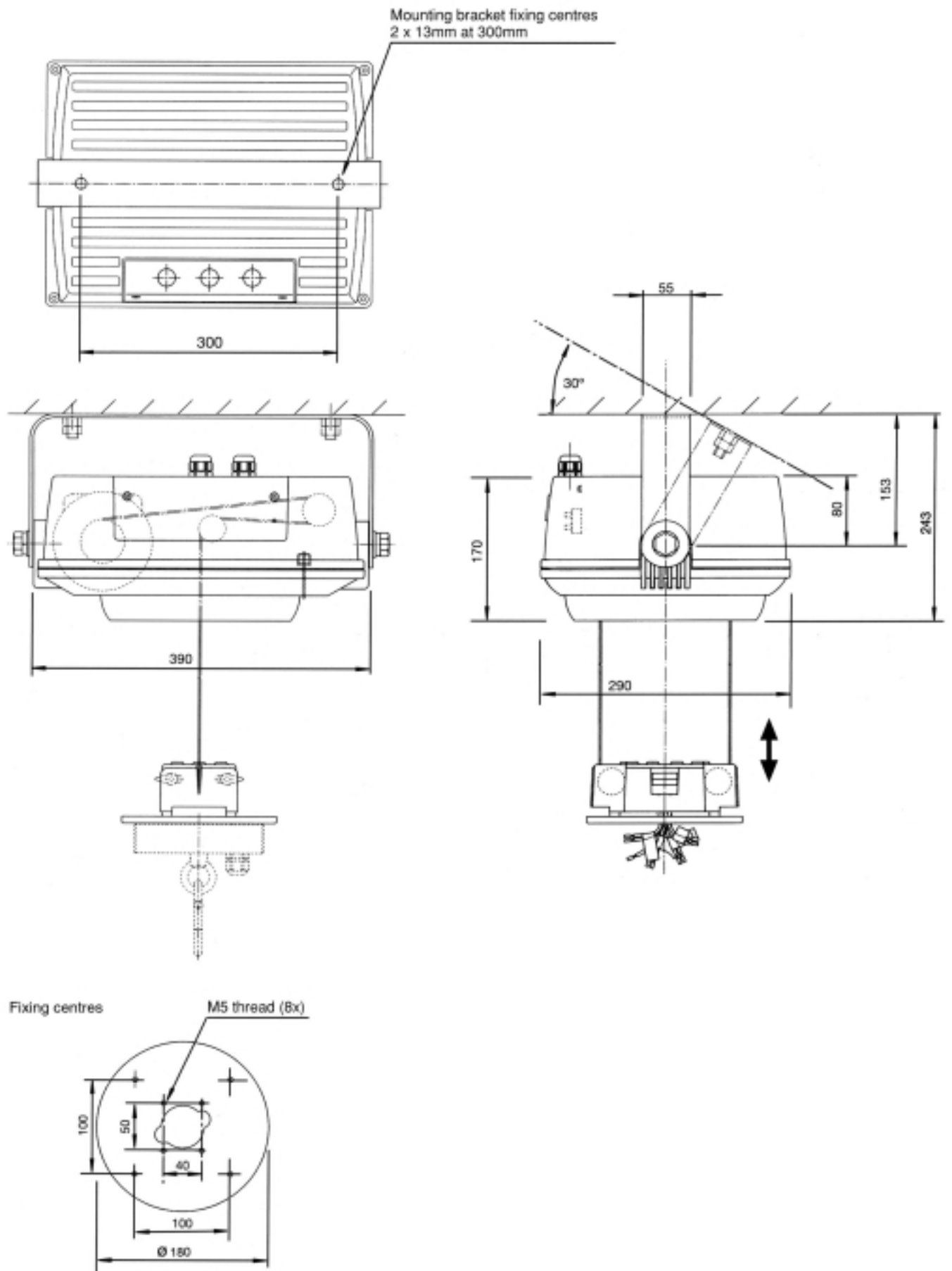
• In false ceiling



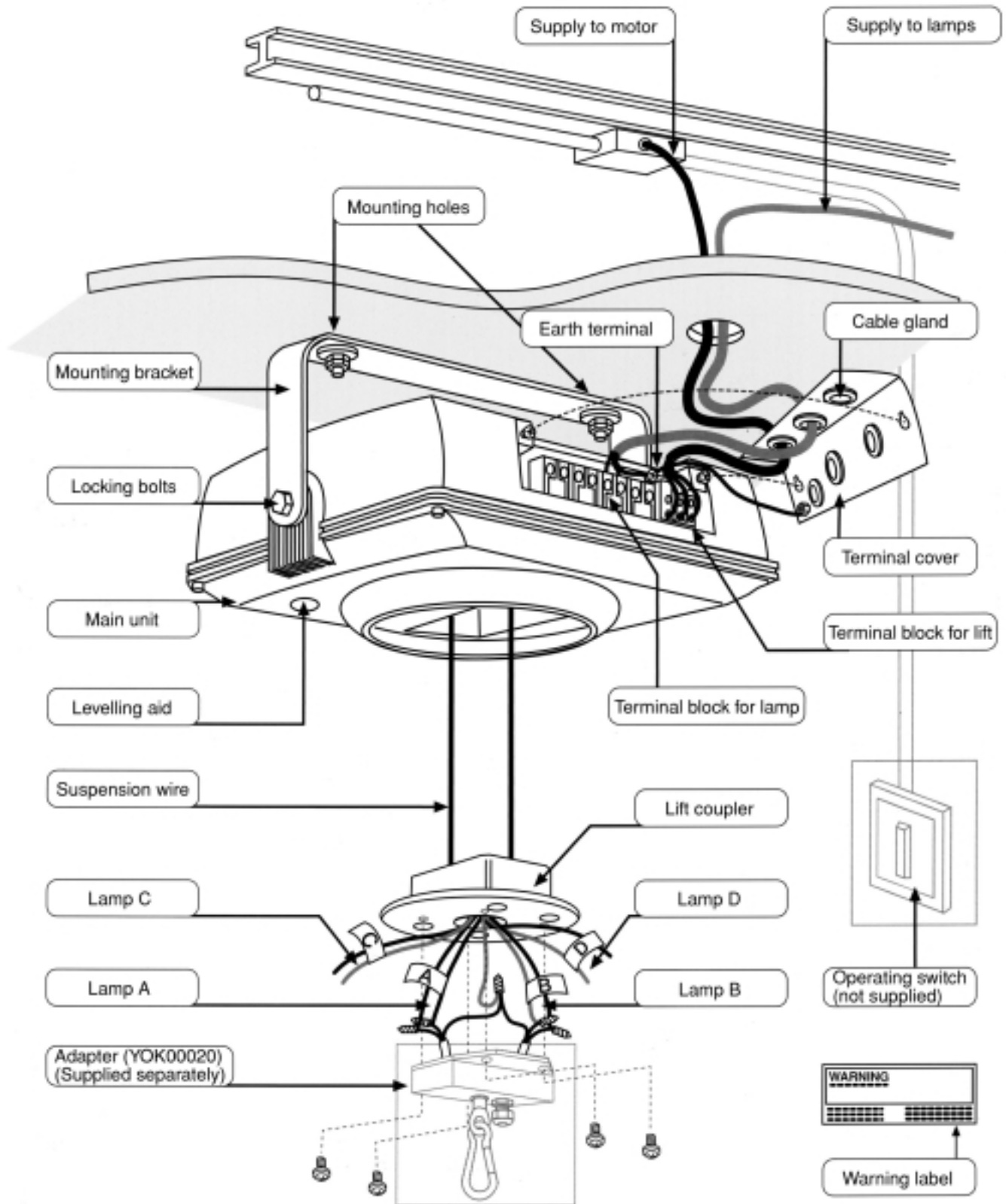
Important:

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

DIMENSIONS



INSTALLATION

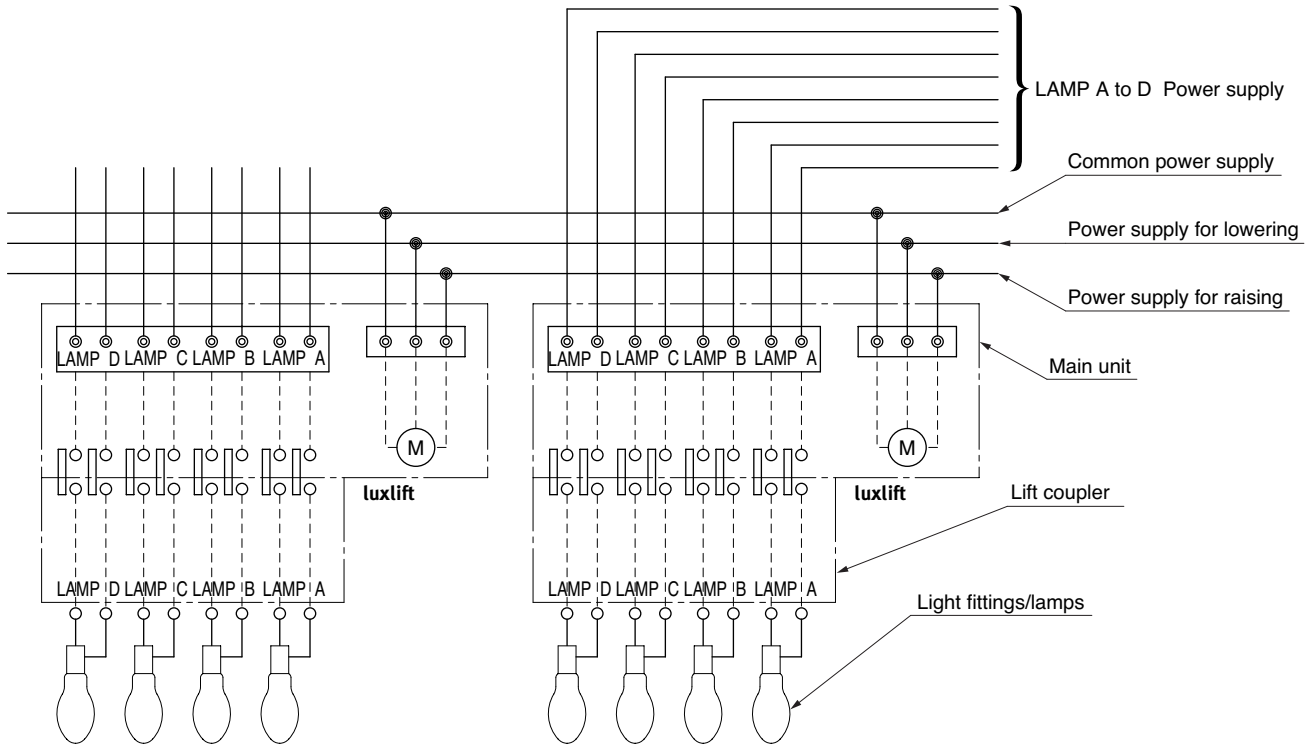


ATTENTION:

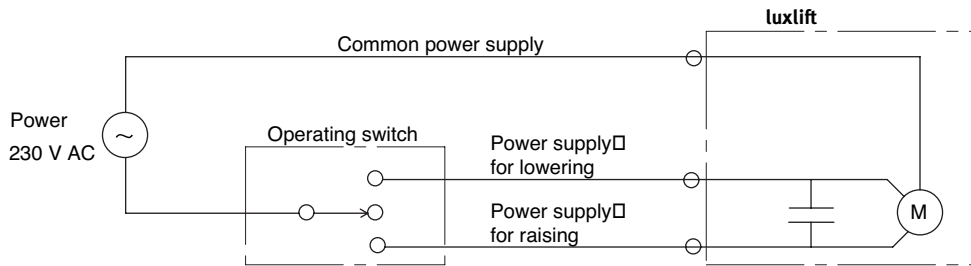
Please connect all electric cables in conformance with the standards of your country!

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

Matsushita Electric Works

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