

SAFETY DEVICES

GEORGIOS ANT. MATTHAIOU & SIA O.E. Automatic rescue device for traction lifts

TOBIA is the result of a solid and efficient system combined with advanced electronic technology. It is an extremely competitive product in the market due to both its quality and price and its functional features, which allow its installation in very brief times without requiring any accessory for its operation. It is based on the principle of using wiring already existing in the installation and supplying the required power to carry the car to the nearest floor and open the doors in case of power cut. It is important to underline that TOBIA does not interfere with the installation functioning in any way as it does not require any changes in the existing control and safety circuit, which are always managed by the main control unit both with power cuts and with the supply network. For this reason, installation is extremely simple and rapid and requires only an electrical connection between the rescue device and the control panel. TOBIA is a complete automatic device and its emergency cycle is carried out according to a programmed system that manages the various circuits and ensures their correct functioning. TOBIA is equipped with a diagnostic system with illuminated indicators that allows a rapid identification of eventual breakdown or failure. External indicators show the operative state of the system and battery can be provided on request.



RESCUE DEVICE TOBIA LE15.TBG (for traction lifts)

Code: 3615M(semi-automatic doors)

3615A (automatic doors)

Power supply	3-phase 230~400V + -10% 50Hz + -5%
Output 1 motor supply	3-phase 50V + -15% 50Hz + -5%
O u t p u t 2, controller & door operator supply	3-phase 230~400V + -15% 50Hz + -5% 700VA
Battery type and recharge time	6 sealed lead accumulators 12V 6,5Ah about 12h
Protections	against short-circuit, overload and full battery discharge.
Signals	all major operation functions are reported plus battery status and defaults.
Speed during emergency operation	about 10% of standard speed
Dimensions / weight (including batteries)	400 X 450 X 180mm / 35 Kgr



RESCUE DEVICE TOBIA LETBHY.200 (for hydraulic lifts)

Code: 3616M(semi-automatic doors) 3616A(automatic doors)

Power supply	3-phase 230~400V + -10% 50Hz + -5%
Output 1 solenoid valve supply	12V DC 50W
Output 2 door gear supply	3-phase 230~400V + -15% 50Hz + -5% 300VA
Battery type and recharge time	2 sealed lead accumulators 12V 7,2Ah about 12h
Protections	against short-circuit, overload and full battery discharge
Signals	all major operation functions are reported
Dimensions / weight (including batteries)	300 X 300 X 130mm / 11 Kgr