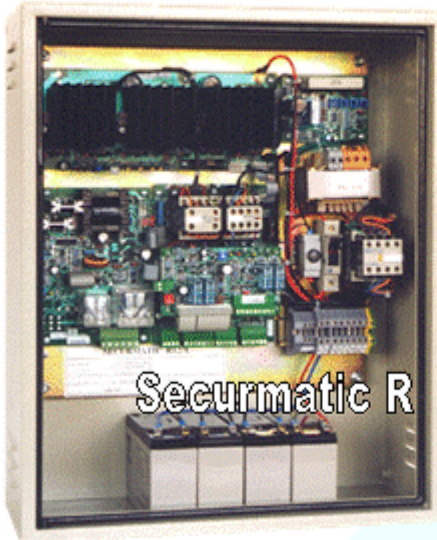


AUTOMATIC RESCUE DEVICE



AUTOMATIC RESCUE DEVICE (A.R.D.) FOR TRACTION LIFTS

- Automatic emergency functioning for mains blackout.
- An internal logic circuit chooses the best direction, taking the lift car to floor level and opening the doors letting the passengers safely outside.
- Suitable for any winch motor lift plant.
- Works on both new and old plants.
- Minimum maintenance.

The A R D equipment operates automatically upon occurrence of a mains blackout. It drives the hoist gear motor by means of a static frequency converter powered by a bank of storage batteries, brings the car to the nearest floor and opens the automatic doors. During the emergency operation a special load sensing circuit automatically chooses the best travel direction in counterweighted lift systems, whenever an unbalance is detected between the car load and the counterweight.

Current standard production:

- Mains 380-415V - 50 Hz , three phase
- Motor 380-415V - 50 Hz , three phase
- DC Brake (60V,3A / 110,1.5A / 180V,1A)

Door operator motor:

Type R: AC three phase door operator motor (3x127/220/380V)

Type S: DC door operator motor, armature and field

MODEL	MAX MOTOR POWER	MAX CURRENT OUTPUT	BATTERY	height/length/depth (weight without batteries)
SECURMATIC R12	11 kW	27A	48V; 7.5 Ah	mm 540/445/190 - kg. 16.5
SECURMATIC R24	22 kW	50A	48V; 18 Ah	mm 650/500/220 - kg. 23
SECURMATIC R36	25 kW	55A	48V; 28 Ah	mm 650/500/220 - kg. 23
SECURMATIC R48	35 kW	75A	48V; 28 Ah	mm 650/500/220 - kg. 28

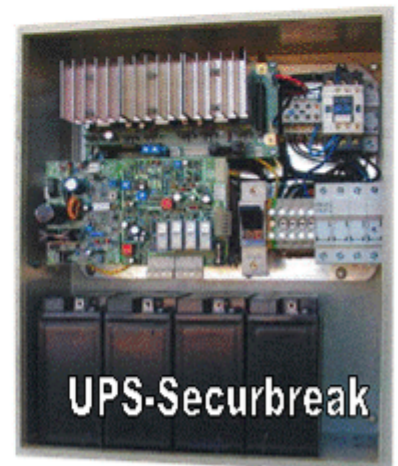
The automatic rescue device UPS-SECURBREAK[®] operates immediately and, powered by an internal battery, enables the arrival of the lift to the nearest floor at low speed and opens the automatic doors.

Field of Application

Traction and Hydraulic Lift

The UPS-SECURBREAK[®] equipment is suitable for mains 380~415VAC, 50~60Hz.

Model	Main Motor Max Power	Internal Batteries 4x12V	Dimension (incl. battery)	Weight (excl. battery)
UPS-SECURBREAK-12	12KW	Capacity : 18AH Peak Current : 120A	40x47x22 cm	29 Kg
UPS-SECURBREAK-16	16KW	Capacity : 18AH Peak Current : 120A	40x47x22 cm	29 Kg



UNILIFT COMPONENTS PTE LTD

502 Chai Chee Lane

#01-02E / 01-03E

Singapore 469025

Tel : (65) 65423928 Fax : (65) 65421968

Email : enquiry@unilift.net

www.unilift.net