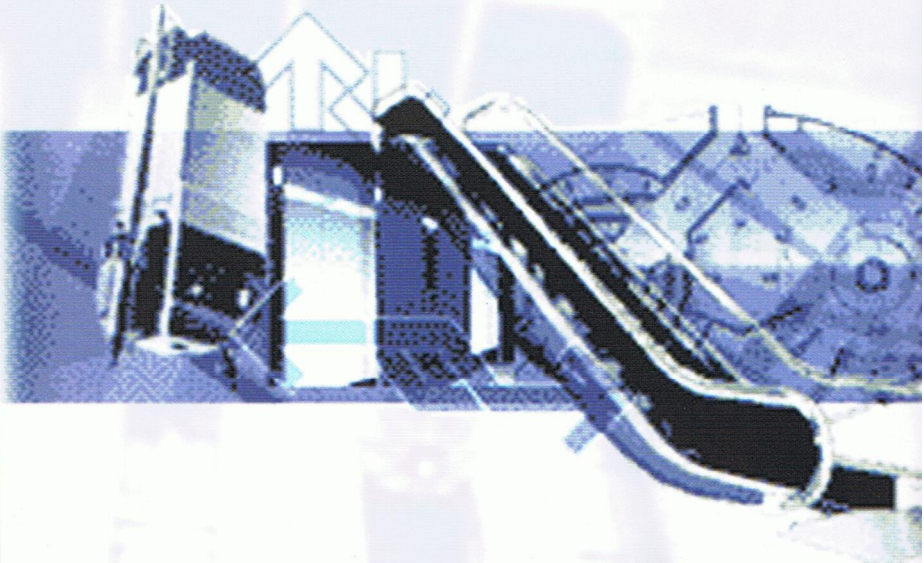
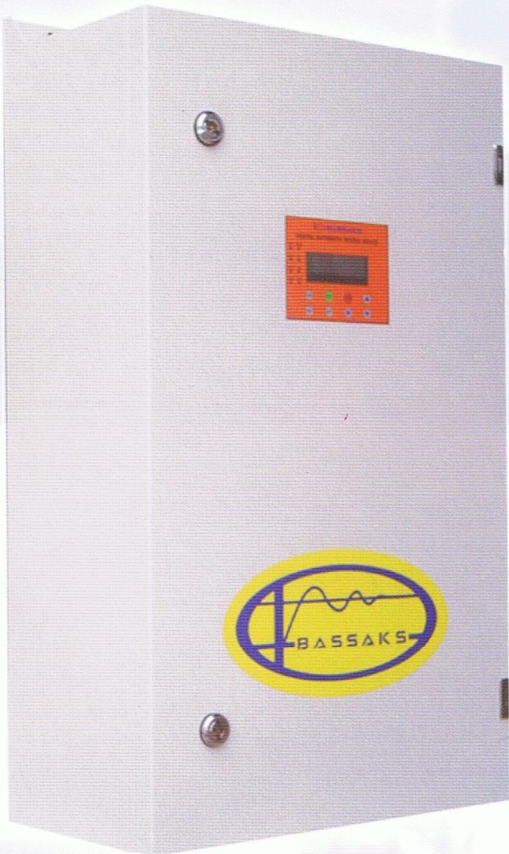


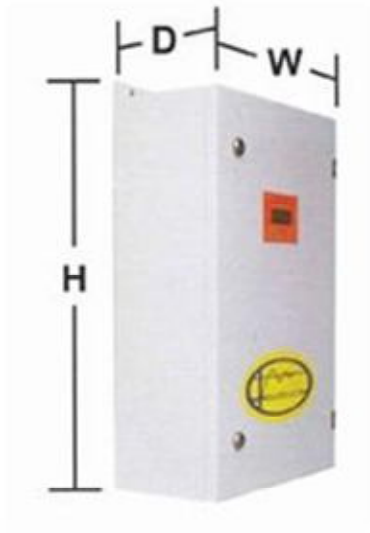


BASSAKS

AUTOMATIC EVACUATION SYSTEM



Bassaks Automatic Rescue Device



Use for elevator system, In the event of main power failure or building is fire.

- Digital DSP Microprocessor
- If the elevator stop between floors, or with door close
- The device automatically turn-on and run to the nearest floor and reopening the door
- 2 lines x 16 character. LED operator
- Use the Microprocessor control setting program and digital adjust replace to analog adjust
- Have display show status of use and battery
- Easy Installation, Easy Setting and small size
- 48 V battery, Sealed Lead Time without maintenance
- Economy cost
- Can be use [all Permanent Magnet Synchronous Motor \(PMSM\)](#)
- No need feed back sensor
- Drive smoothly

Dimension

kW	1.5 kW - 15 kW	18.5 kW - 30 kW
W	420 mm.	420 mm.
H	700 mm.	700 mm.
D	230 mm.	230 mm.

BASSAKS Automatic Rescue Device Support For Permanent Magnet Synchronous Motor (PMSM)



BASSAKS DIGITAL AUTOMATIC EVACUATION SYSTEM

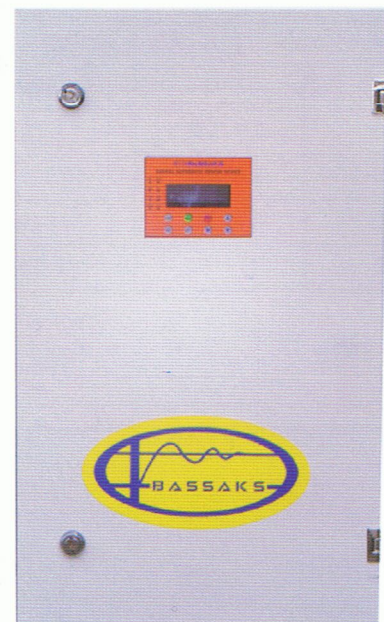
SPECIFICATION

Traction motor	170/220/380/415 V 3phase 50/60 Hz
Brake supply	60/70/110 /180/220/240 VDC (max 200 watt)
Door Motor	AC or DC programable for DC drive or inverter drive 60/70/110/180/220/240 programable (max 200 watt)
Floor detect sensor supply	24 VDC
Car lamp supply	220 VAC (max 100 watt)
Safety switch	Over run safety programable NO/NC Safety1 programable NO/NC Safety2 programable NO/NC
Floor detection	Can be select NO/NC programmable or common.
Door open limit switch	Door open limit switch can be select NO/NC programmable
Signal for open door motor	NO contact can be set the operate time of contact
Battery	Sealed lead type battery
Display	"LCD" 2 line 16 character and status led display
Charger	close loop curent Charger Control
Protection of equipment supply	Short circuit supply output protection And fuse protection for carlamp / 24VDC / door motor
Detection system	3 phase detection
Ambient temperature	-10 to + 50 °C
Ambient humidity	90% RH or less(no conden sation)
Attitude and vibration	Max 100 m above sealevel max 5.9 m (0.6 g)

Protection Specification

LCD display mode trip

- Over current [Traction motor over current]
- Over voltage [Battery over voltage]
- Under voltage [Battery under voltage]
- Safety 1 open
- Safety 2 open
- Safety over run open
- Changer fail [battery loss]



FUNCTION TABLE OF AUTOMATIC EVACUATION SYSTEM

	FAC. SET	DESCRIPTION	DATA
Output frequency	04.0	Output frequency for traction motor	0 - 50 Hz
Boost voltage	03	Troque boost of traction motor	0 - 10 %
Accel time	05	Accelerate time of traction motor	0 - 9999
Motor rated freq.	50	Base frequency of traction motor	0 - 5
Motor rated volt	380	Base voltage of traction motor	0 - 380
Mech. brake volt	110	Supply for mechanic brake	60 - 240
Door operate type	AC	Door operate control type	AC / DC
Door operate volt	110	Supply for door operate control	60 - 240
Floor detect cont.	NO	Type of floor detect sensor cozntact	NO/NC
Door open cont.	NO	Type of door open limit contact	NO/NC
Over run cont.	NO	Type of over run safty limit contact	NO/NC
Safty switch#1	NO	Type of safty switch 1 contact	NO/NC
Safty switch#2	NO	Type of safty switch 2 contact	NO/NC
Max operate time	220	Max operate time of aes	0 - 9999
Start time delay	05	Delay time befor aes operate	0 - 9999
FL. detect delay	00	Delay time to stop traction after floor detected	0 - 9999
Door operate time	10	Time for NO contact to door open control	0 - 9999
Delay to finish	10	Delay time after door open O.K.	0 - 9999
Factory setting	NO	Set the data to factory setting data	Y / N
Program lock	NO	Program lock	Y / N
Direction search	YES	Select direction searching or not	Y / N
Max amp allowed	15.0	Set the rated current for check direction to light wight	0 - 9999

SELECTION GUIDE

MODEL	MOTOR RATING					BATTERIES
	170V	220V	380V	415V	A	
	kW (Hp)	kW (Hp)	kW (Hp)	kW (Hp)		
BS-AES010	3 (4)	4 (5.5)	7.5 (10)	8.5 (12)	18	4 BATT 48 V (12v-12Ahx4)
BS-AES015	4 (5)	6.38 (8.5)	11 (15)	12 (16)	25	4 BATT 48 V (12v-7Ahx4)
BS-AES020	5.5 (7.5)	7.5 (10)	15 (20)	17 (23)	34	5 BATT 60 V (12v-7Ahx5)
BS-AES025	7.5 (10)	10.5 (14)	18 (25)	20 (27)	44	5 BATT 60 V (12v-7Ahx5)
BS-AES030	8.5 (12)	12.6 (17)	22 (30)	24 (32)	50	5 BATT 60 V (12v-7Ahx5)
BS-AES040	11 (15)	18 (25)	30 (40)	29 (38)	70	5 BATT 60 V (12v-12Ahx5)

Dimension

kW	1.5 kW - 15 kW	18.5 kW - 30 kW
W	420 mm.	510 mm.
H	700 mm.	900 mm.
D	230 mm.	280 mm.





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