Scorpio AutomationTM



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Application:

- Industries,
- factory,
- goods yard,
- commercial premises,
- apartment block access shopping malls,
- hospitals,
- stadiums,
- Business centers, and so on.



Technical data:

Main power supply	110V/230V, 60Hz/50Hz
Main cable	4m
	Dunker motor GR 63 * 55,
Motor	60V, SG80K, WL2, i=15:1,
	RE20S or normal motor
	32bit 30Mhz NXP MCU,
Microcontroller unit	CAN bus techniques,
	BEDIS control panel
Power consumption	100W
Static drive power	150N
Ambient temperature	-15 to 50

Advanced Features:

- CANbus & PLC technique
- Dunker motor GR 63 * 55, 60V, SG80K, WL2, i=15:1, RE20S with optical encoder
- MCU of Philip, ST, NXP & three layer PCB
- RECORD 16 STA hardware like profile with rubber to decrease noise
- Intelligent LED BEDIS which work with micro control to adjust the parameter and other function like speed, manual, automatic. You can control the door opening width no matter how wide you need
- CANbus interface for lock, battery
- Emergency stop
- Can connect with anti-panic breakout system
- Self-learning the door working. No need for you to adjust the parameter, Self-diagnoise the fault and display through LED on the BEDIS
- Reset button to original parameter & interlock
- reverse to open when obstruct

Automatic Circular Sliding Door

SMGCSD200-H Automatic Curved Door



Application

Standard radius	min.1000mm	
Clearance width	min.900mm	
Clearance height	up to 2500mm	
Wing weights	150kg x 2	
Glazing	Laminate safety glass VSG8/2, dry glazing	
Surface treatment	Power-coated ,anodized	

Technical data

Main power supply	110V/230V, 60Hz/50Hz	
Main cable	4m	
Motor	or Dunker motor GR 63 * 55, 60V, SG80K, WL2, i=15:1,	
	RE20S or normal motor	
Microcontroller unit	32bit 30Mhz NXP MCU, CANbus techineques, BEDIS	
	control panel	
Power consumption	100W	

Static drive power	150N
Ambinent	-15 to 50
temperature	

Available function

Adjust speed	0.5m/s-0.7m/s
Bedis panel control	yes
Auto-reverse safety	yes
mechanism	
Photocell to prevent	Option
from clipping person	
Back battery (24V),	Option
emergency model	
Locking	Option
Emergency stop	Option

Convex installation



semi-circular segment inside inside

Concave installation





(ONE)	Control System				
1	Motor	1 pc	Dunker	60V,100W, with optical encoder	
2	Gearbox	1 pc	Dunker	SG80K, WL2, i=15:1, RE20S	
3	Control unit	1 pc	PHILIPS	PHILIPS ,NXP, ST MCU	
4	Radar	2 pcs	KEODA	Infrared sensor	
5	BEDIS control panel	1 pc		manual ,automatic,night,lock,exist only	
(TWO)	Mechanical parts				
1	Profile	1 pc		aluminum alloy	
2	Carriage	4 рс			
3	Drive timing	1		fiberglass tensile elements, nylon surface	
	belt	pcs			
4	Belt clip	2 рс			
5	belt guide roller	1 pc			
6	guide roller	1 pc			
7	Stopper	4			
		pcs			
(THREE)	Optional parts (Battery , photocell, lock				