DOOR SYSTEM

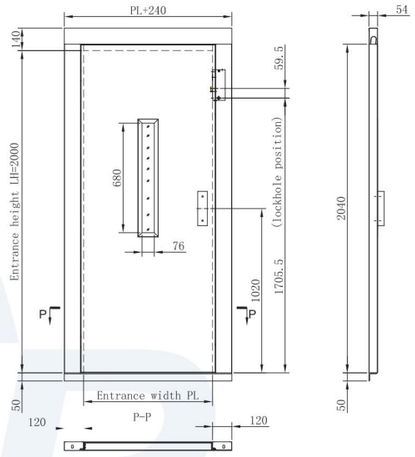


PART 4

Door System

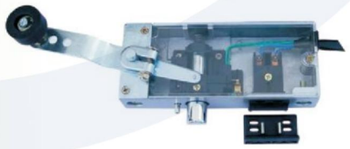
SEMI-Automatic Door

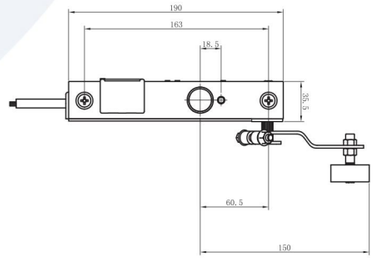


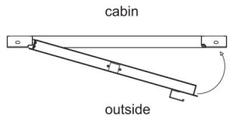


MZT-DR-00(Traditional Semi-automatic Doors)

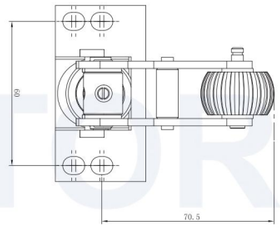
Panel structure: Hollow
Strength:Poor
Weight: Over 70kg,need two people to carry and install
Flatness: Welding and hollow make panel deformation
Crack: The adjustment only can be up and down
Hinge spring: Complex structure. The hinge is easy to be damaged due to the heavy panel.

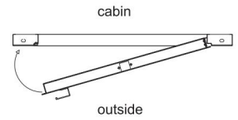












MOZITOR ELEVATOR

DOOR SYSTEM

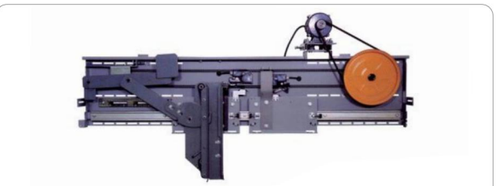
Door Operator & Landing Door

1.Door operator

1) VVVF door operators controlled by the brand inverter.
2) Door opening way:center opening and side opening.
3) Door opening width:600-2200mm,height:2000or2100mm.
4) Door panels and sill are available as request.

2.Landing Door

1) Landing door match for the door operator.
2) Door opening way:center opening and side opening.
3) Door opening width:600-2200mm,height:2000or2100mm.
4) Door panels , sill & door frame are available as request.


MZT-MVY-211


MZT-LM-211


MZT-MVT-211

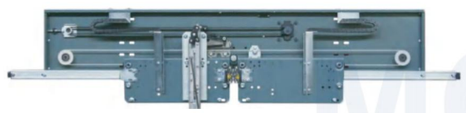

MZT-LS-211


MZT-OMJ-09X


MZT-OCM01-B


MZT-OV-211


MZT-LO-211


MZT-FV-211


MZT-LF-211

DOOR PARTS


Type: MZT-OMJ01.1.1
Door Operator Baseplate


Type: MZT-OMJ01.2A/OMJ01.5A
Door Operator Hanger


Type: MZT-AAD0301DK
Inverter


Type: MZT-AAD03040D
Inverter


Type: MZT-FCNA1010(A)/FCNS2010(S)
Inverter


Type: MZT-NICE-D-A-SOP4-OL2
Inverter


Type: MZT-YBP80-6
Motor(Asynchronous)


Type: MZT-YBP90-6
Motor(Asynchronous)


Type: MZT-YVP71-6
Motor(Asynchronous)


Type: MZT-YCT133-16
Permanent Magnet Motor


Type: MZT-OMJ01.8.1B
Belt Pulley


Type: MZT-1280
Belt


Type: MZT-TPD/STS-S8M
Belt


Type: MZT-STPD/STS-S8M
Bearing stand/Bearing/Driven Wheel Module


Type: MZT-A1024A300s
Door Vane


Type: MZT-OMJ01.28B
Connecting Rod


Type: MZT-D227002
ϕ72Pulley


Type: MZT-D227005
Guide Wheei


Type: MZT-A1055C131
131Car Door Swith


Type: MZT-MKA50202-1/SF110-1
131Car Door Swith


Type: MZT-OMJ01.34
Door operator fixings


Type: MZT-OCM01B4.1.1
Landing Door Base Plate


Type: MZT-OCM01B2.1.2/2.1.3
Landing Door Hanger


Type: MZT-OCM01B4.1.4/4.1.5
Interlock/Lock Hook


Type: MZT-A1022A748
ϕ48 Pulley


Type: MZT-A022A756
ϕ56 Pulley


Type: MZT-A1022C890A
Guide Wheel


Type: MZT-A1027BL401A
ϕ68Pulley Module


Type: MZT-OCM01B4.1.3
Driven Wire Rope


Type: MZT-A1027B420
ϕ90Pulley

Type: MZT-D228005A
ϕ60Pulley

Type: MZT-1L-32161-1
Door Lock

Type: MZT-1L-32161
161Door Lock

Type: MZT-A1035A600
Contact Switch

Type: MZT-D231000
Passive Door Switch

Type: MZT-A1066E100CL
Spring

Type: MZT-D252000
Weight Module

Type: MZT-A1025B700
Guiding Pipe

Type: MZT-D229011
Triangle Lock Key

Type: MZT-D229000
Triangle Lock Key

Light Curtain



Model Definitions

MZT-□□□□-□

example: MZT-WECO-917 | A | 6 | 1 | – | AC220

Power and system output options:
AC220: 185V~290VAC,50/60Hz power box, 1NO/1NC relay output
AC110: 110VAC ± 20%,50/60Hz power box, 1NO/1NC relay output
DC24A: 24VDC ± 10% power box, 1NO/1NC relay output
DC24B: 10-30VDC direct input, 1NO NPN output
DC24C: 10-30VDC direct input, 1NC NPN output
DC24D: 10-30VDC direct input, 1NO PNP output
DC24E: 10-30VDC direct input, 1NC PNP output
DC24F: 10-30VDC direct input, 1NC relay output
DC24G: 10-30VDC direct input, 1NO relay output
DC24H: 24VDC safety function power box

Connection Cable:
1: 3.5mx2pcs,for standard central-opening lift doors
2: 3.5mx2pcs,for side opening lift doors
3: 2.5m、4.5mx1pcs,for new side opening lift doors
4: 5mx2pcs,for Two Panel central=opening lift doors

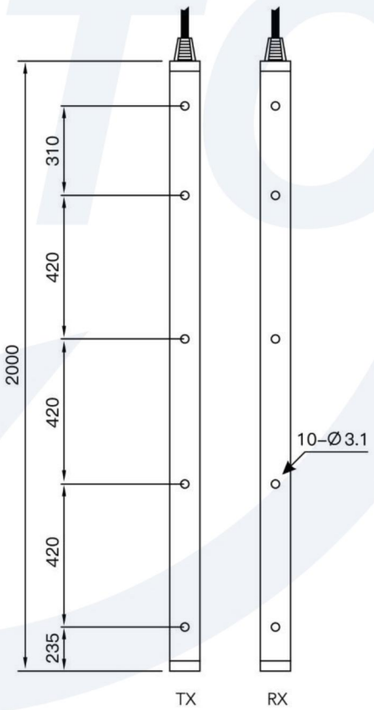
TX/RX Number:
4: 20对 (20 Diode sets)
5: 36对 (36 Diode sets)
6: 17对 (17 Diode sets)
7: 32对 (32 Diode sets)
8: 40对 (40 Diode sets)
9: 48对 (48 Diode sets)

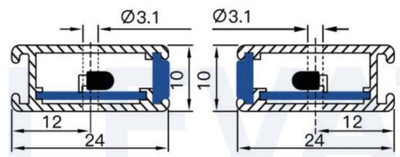
Profile: A B C ... Z
WECO-917 series: WECO-917
WECO-957 series: WECO-957

	917		957					
Technical Features								
Number of Infra Red Diodes	17 Diode sets	32 Diode sets	17 Diode sets	20 Diode sets	32 Diode sets	36 Diode sets	40 Diode sets	48 Diode sets
Response Time	45ms relay output	61ms relay output	45ms relay output	48ms relay output	61ms relay output	65ms relay output	69ms relay output	77ms relay output
	21ms transistor output	37ms transistor output	21ms transistor output	24ms transistor output	37ms transistor output	41ms transistor output	45ms transistor output	53ms transistor output
Scanning Beams	94~33 Beams	154~94 Beams	94~33 Beams	128~58 Beams	154~94 Beams	174~106 Beams	194~118 Beams	234~142 Beams
infrared diodes range	117.5mm	58.8mm	117.5mm	84mm	58.8mm	47.5mm	47.5mm	40mm
Detecting Height	20 ~ 1841mm			20 ~ 1615mm	20 ~ 1841mm	20 ~ 1678mm	20 ~ 1868mm	20 ~ 1900mm

Light Curtain







MZT- SFT-620/632 技术参数 Technical specifications		
Model	MZT-SFT-620	MZT-SFT-632
Number of diodes	17 Pairs	32 Pairs
Distance between diodes	118mm	59mm
Maximum beams(distance ⩾ 400mm)	96 Beams	154 Beams
Minimum beams(distance < 400mm)	33 Beams	94 Beams
Highest beam	⩾ 1840mm	
Lowest beam	⩽ 20mm	
Size	10mm (thickness) ×24mm (width) ×2000mm (height)	
Detecting distance	0~4000mm	
Vertical displacement at 0mm	±20mm	
Horizontal displacement at 0mm	±3mm	
Angular displacement at 50mm	±7°	
Cable reliability	20 million door movements	
Light immunity	⩾ 100,000LUX	
EMC compliance	Emissions to EN12015, Immunity to EN12016	
Operating temperature range	-20℃ ~+65℃	
IP Rating	IP54	
Vibration test	The vibration frequency is 10-55HZ, the amplitude is 0.75mm, Vibration direction:X,Y,Zthree axial each 50min	
Respones Time(NPN or PNP)	45ms	65ms
Respones Time(Relay)	60ms	80ms