

## PART 6 ▶

## Electrical Control System

### ► Elevator Control Cabinet

MZT-3000



MZT-3000-01



MZT-3000-02



(Car-top Junction & Maintenance Box)



(Pit Maintenance Box)

Elevator Control Cabinet  
 Power:  $\approx 15\text{KW}$   
 Speed:  $\approx 2.5\text{m/s}$   
 Maximum Landing NO. : 40 (expanded)  
 Control System: NICE3000 Elevator Integrated Controller  
 Signal Acquisition Mode: In serial  
 Power Supply: AC 380V/3P, AC 220V/3P, AC 220V/1P  
 Applicable Elevator: MR Elevator  
 Applicable Motor: PM synchronous motor, AC asynchronism motor

## ➤ Integrative Controller

### MZT-NC-1000



Model	Power Capacity (KVA)	Input Current (A)	Output Current (A)	Motor Power (kw)
MZT-L-H-4002	4	6.5	5.1	2.2
MZT-L-H-4003	5.9	10.5	9	3.7
MZT-L-H-4005	8.9	14.8	13	5.5
MZT-L-H-4007	11	20.5	18	7.5
MZT-L-H-4011	17	29	27	11
MZT-L-H-4015	21	36	33	15
MZT-L-H-4018	24	41	39	18.5
MZT-L-H-4022	30	49.5	48	22
MZT-L-H-4030	40	62	60	30

### MZT-NC-3000



Model	Power Capacity (KVA)	Input Current (A)	Output Current (A)	Motor Power (kw)
MZT-L-C-4002	4	6.5	5.1	2.2
MZT-L-C-4003	5.9	10.5	9	3.7
MZT-L-C-4005	8.9	14.8	13	5.5
MZT-L-C-4007	11	20.5	18	7.5
MZT-L-C-4011	17	29	27	11
MZT-L-C-4015	21	36	33	15
MZT-L-C-4018	24	41	39	18.5
MZT-L-C-4022	30	49.5	48	22
MZT-L-C-4030	40	62	60	30
MZT-L-C-4037	57	77	75	37
MZT-L-C-4045	69	93	91	45

## ➤ Accessories



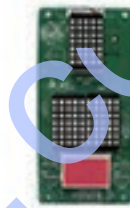
Model No. MCTC-OPR



Model No. MCTC-PG-E



Model No. MCTC-PG-A2



Model No. MCTC-HCB-H



Model No. MCTC-HCB-R1



Model No. MCTC-HCB-G1



Model No. MCTC-CTB-A



Model No. MCTC-CCB-A



Model No. MCTC-CHM-B



Seven-Segment-Code  
Segment display: vertical display  
Display color: red  
Input voltage: DC 24V  
Parallel Input signal: 7 Segment  
Function display: overload, inspection



Dot-Matrix display, vertical display  
Display color: red  
Input voltage: DC 24V  
Parallel Input signal: BCD code, Gray code  
Function display: overload, inspection



LCD display, vertical display  
Display color: white with blue background  
Input voltage: DC 24V  
Parallel Input signal: BCD code, Gray code  
Function display: overload, inspection



Encoder for Synchronous Motor



Encoder for Asynchronous Motor



Resistor

## ➤ Cop & Lop

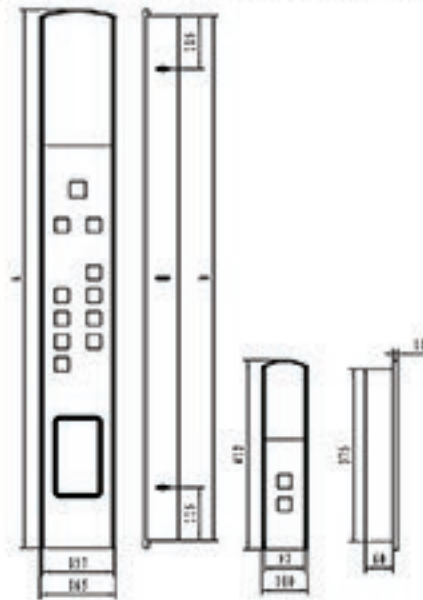
Installation dimension(mm)		
Landing	A	B
2-10	1170	1140
11-18	1330	1300
19-30	1570	1540



MZT-HEC110 MZT-HEX110

### Feature & Specification

1. Stainless steel splicing panel, section aluminum flanging on both sides (white and black).
2. Signal input mode: Seven-Segment-Code, BCD-Code, Gray Code or Binary Code
3. Panel opening mode: Right opening of hook hinge
4. Standard button model: HEA 100 (optional)



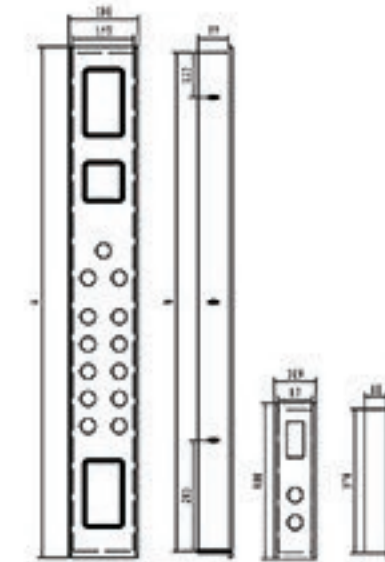
Installation dimension(mm)		
Landing	A	B
2-10	1070	1040
11-20	1310	1280
21-30	1550	1520



MZT-HEC150 MZT-HEX150

### Feature & Specification

1. Stainless steel bent panel: upper/lower flanging, hairline panel.
2. Signal input mode: Seven-Segment-Code, BCD-Code, Gray Code or Binary Code
3. Panel opening mode: Right opening of hook hinge
4. Standard button model: HEA 150 (red light)



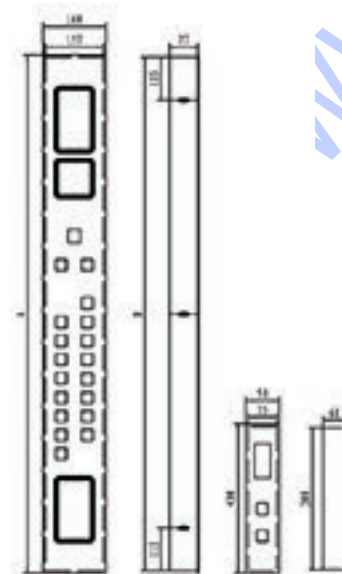
Installation dimension(mm)		
Landing	A	B
2-18	1386	1366
19-28	1574	1554



MZT-HEC130 MZT-HEX130

### Feature & Specification

1. Stainless steel panel: optional hairline, mirror, titanium gold patterns are available.
2. Signal input mode: Seven-Segment-Code, BCD-Code, Gray Code or Binary Code
3. Panel opening mode: Right opening of hook hinge
4. Standard button model: HEA 100 (optional)



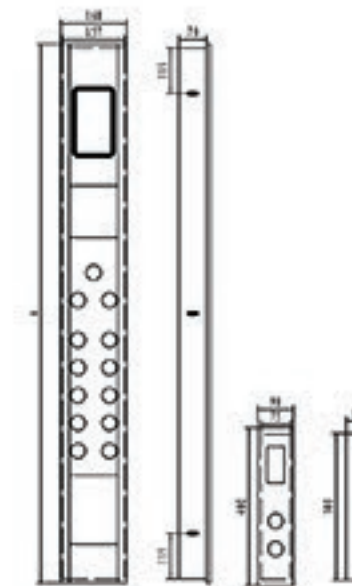
Installation dimension(mm)		
Landing	A	B
2-10	1200	1180
11-18	1360	1340
19-30	1560	1540



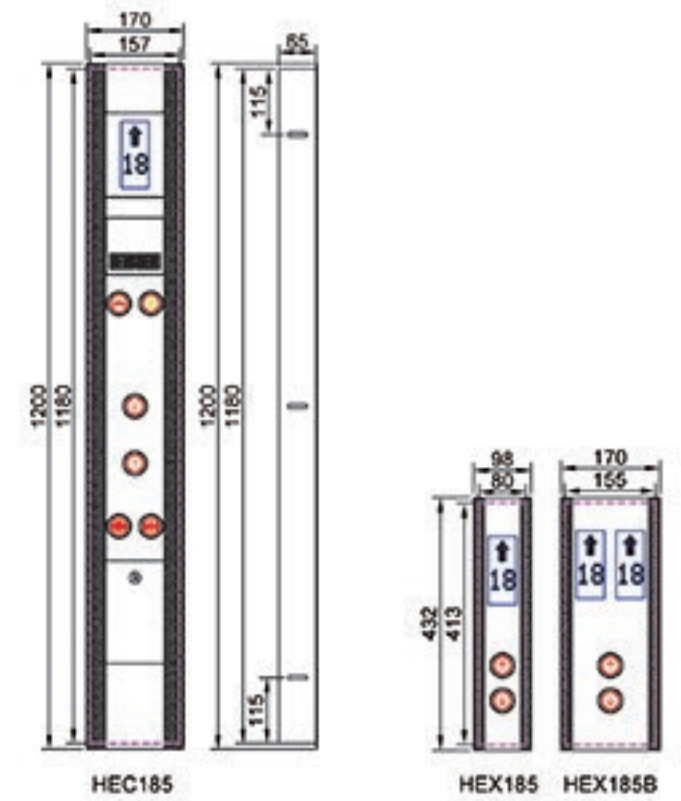
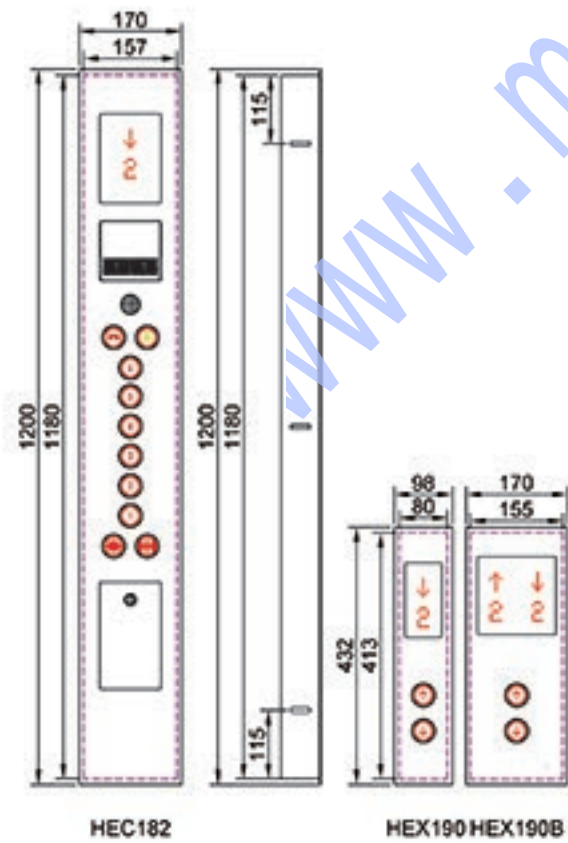
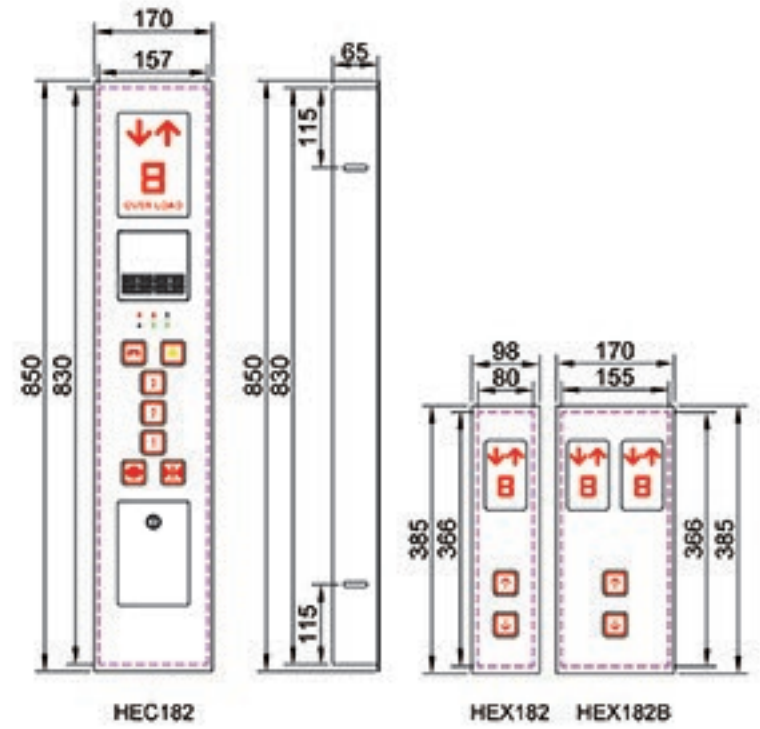
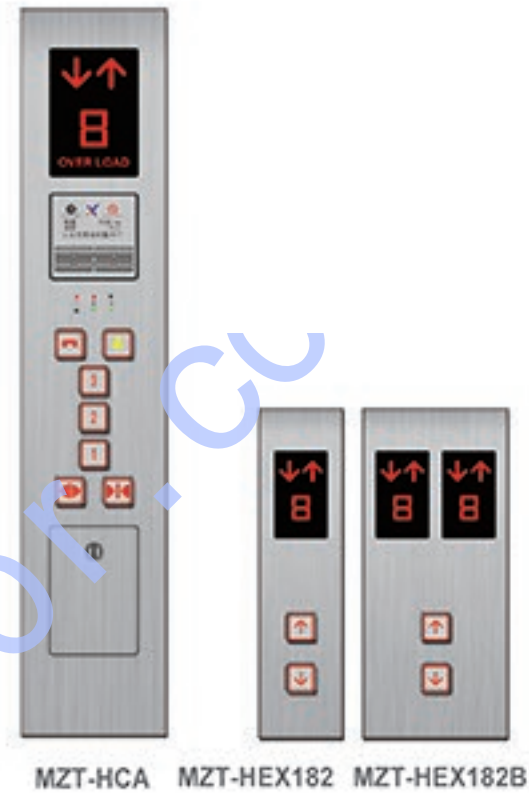
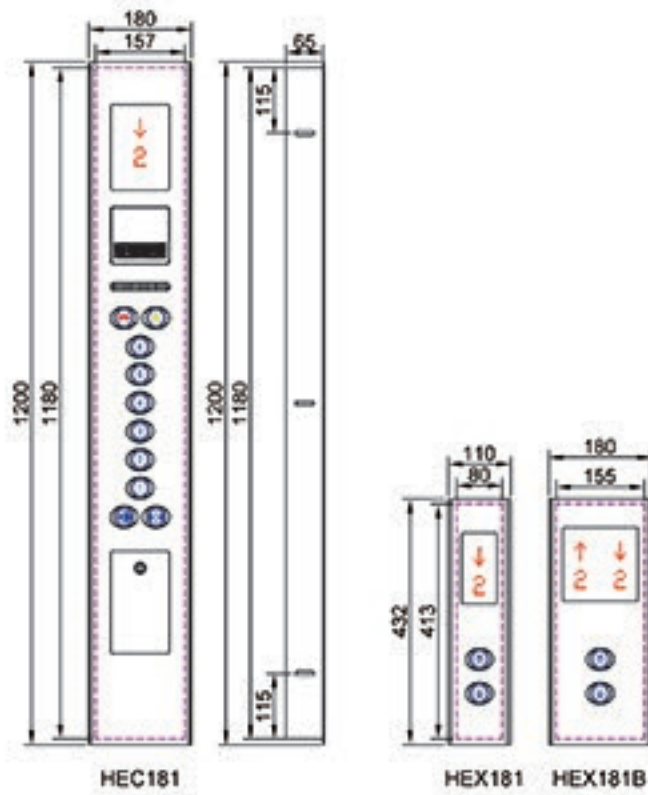
MZT-HEC160 MZT-HEX160

### Feature & Specification

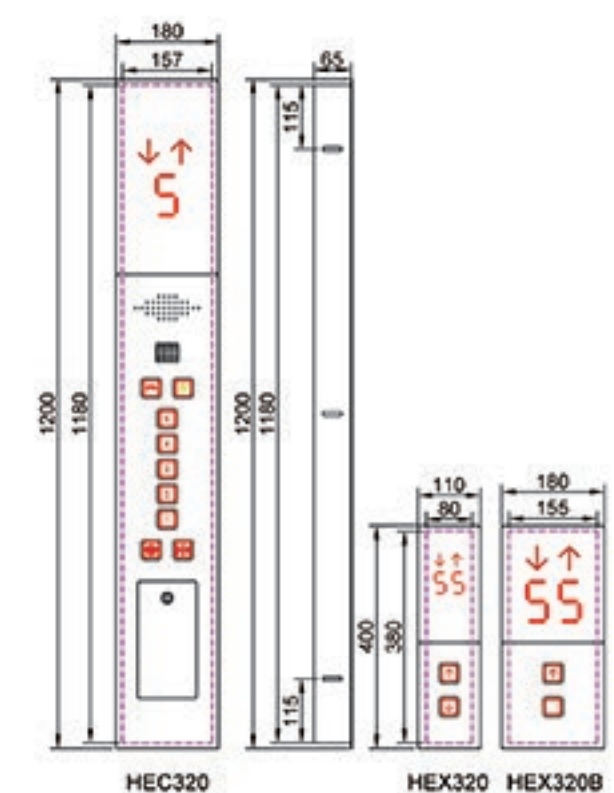
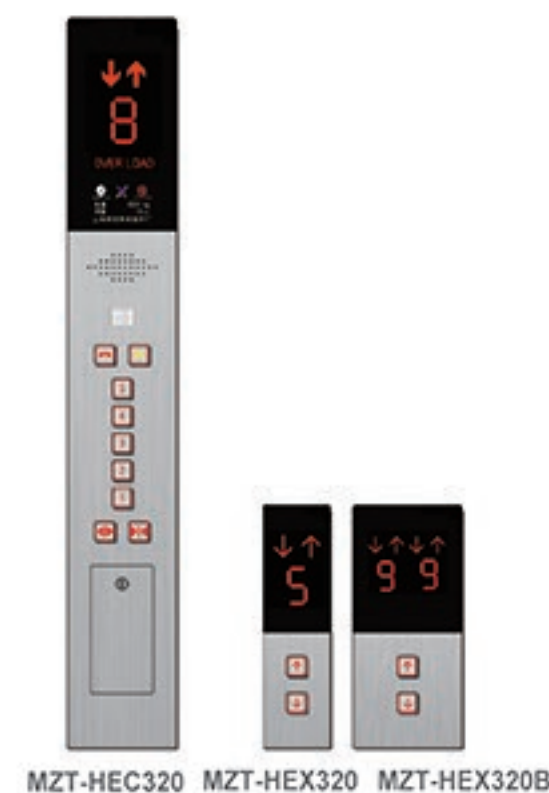
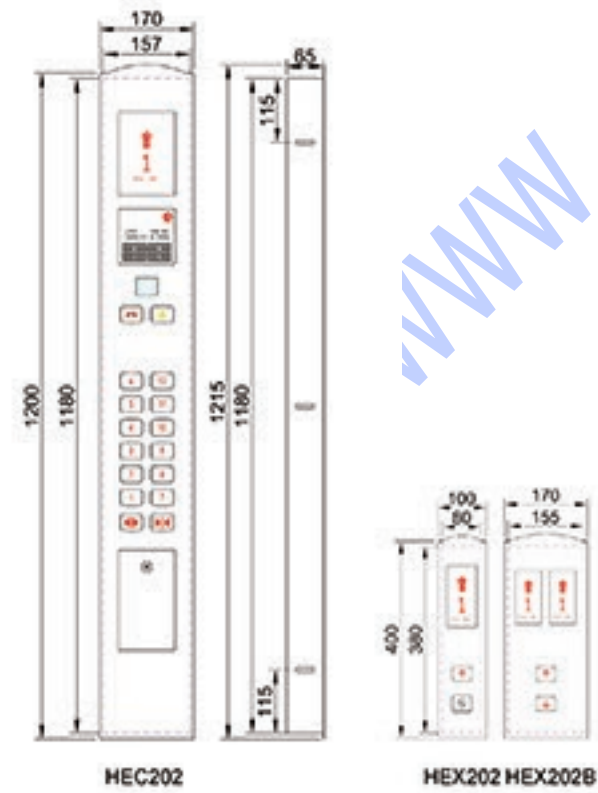
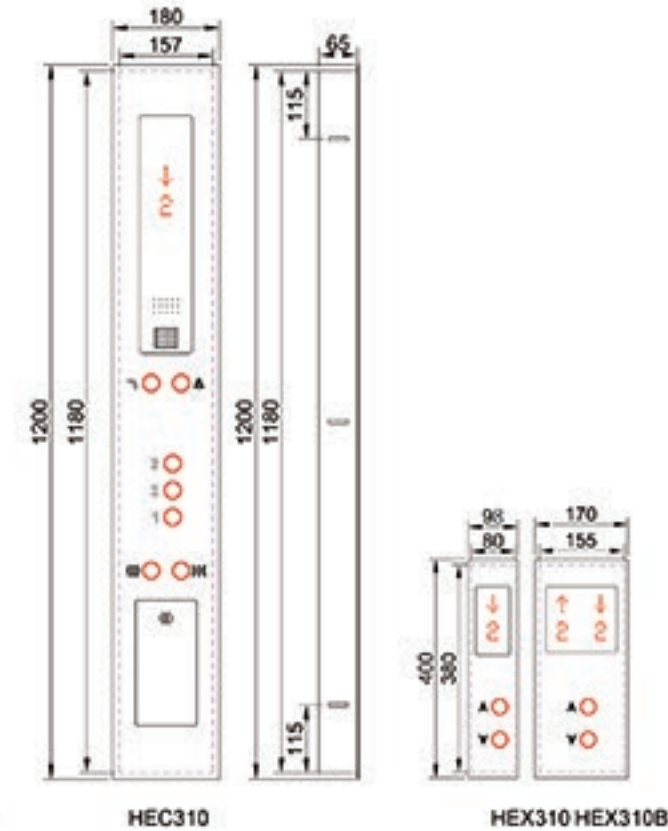
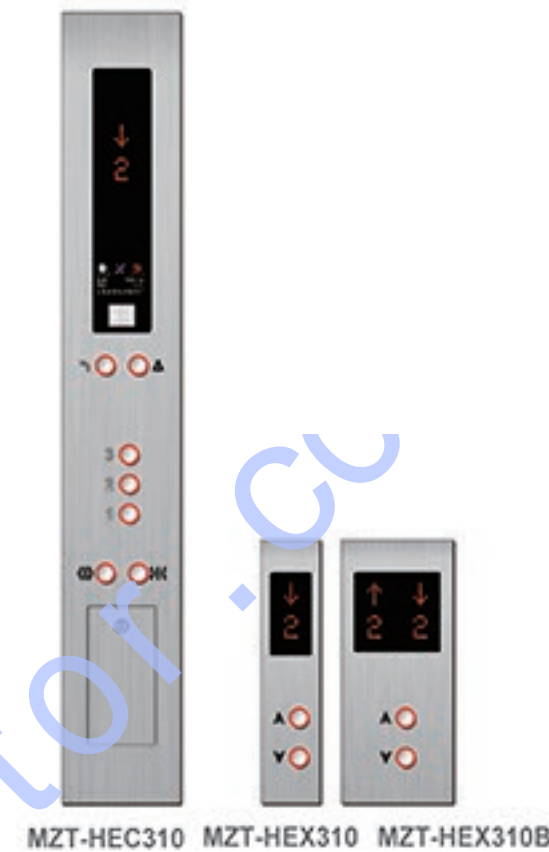
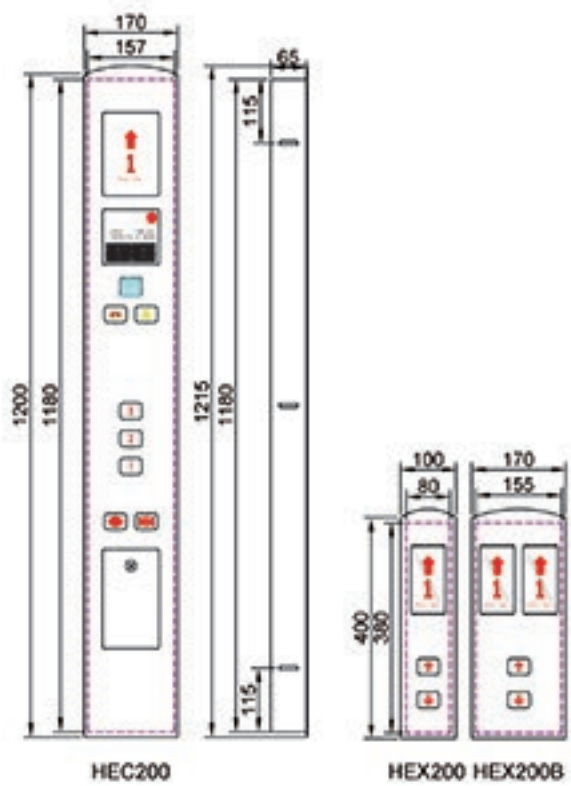
1. Stainless steel mirror plate, hairline in the middle.
2. Signal input mode: Seven-Segment-Code, BCD-Code, Gray Code or Binary Code
3. Panel opening mode: Right opening of hook hinge
4. Standard button model: HEA 110 (optional)



## ➤ Cop & Lop



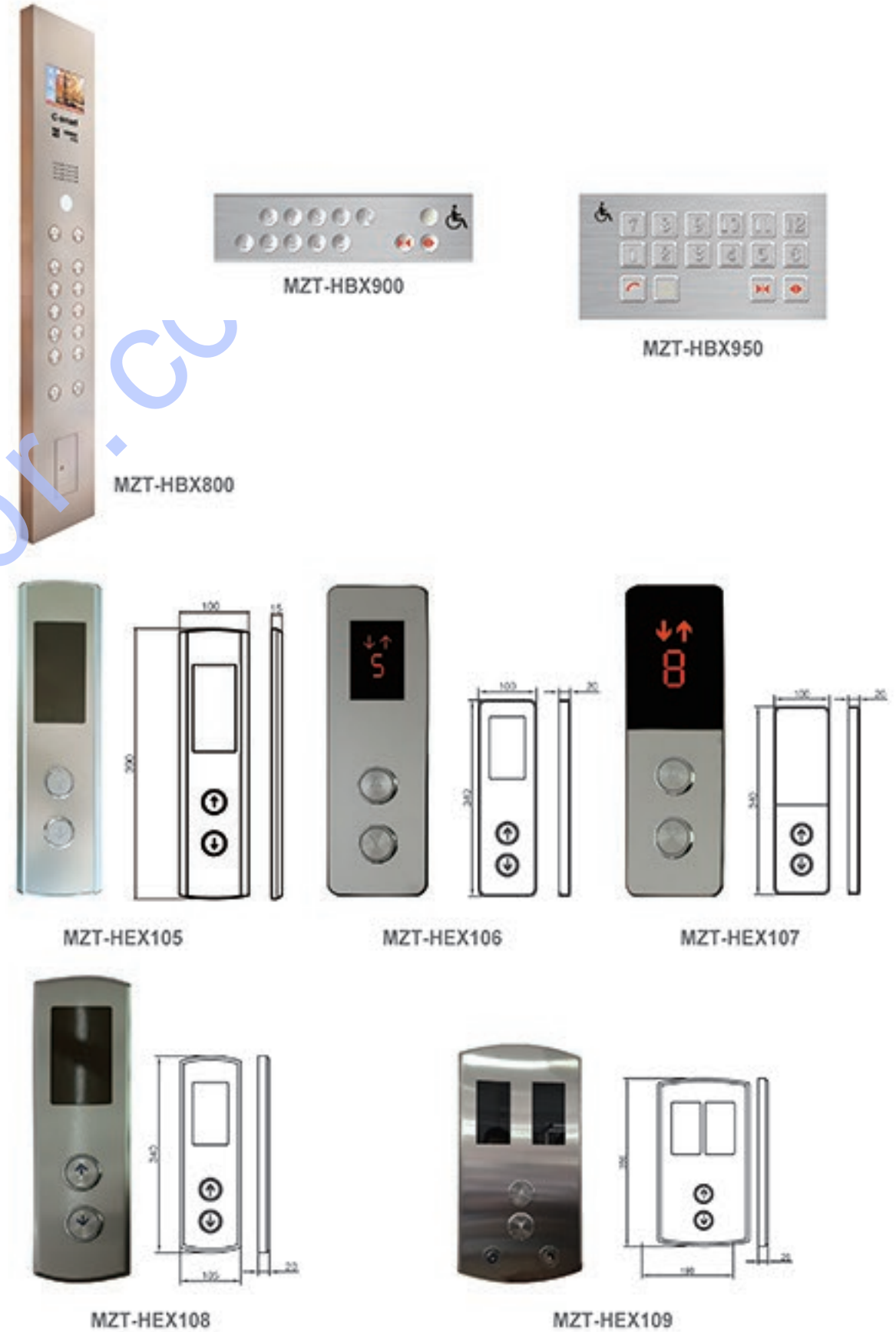
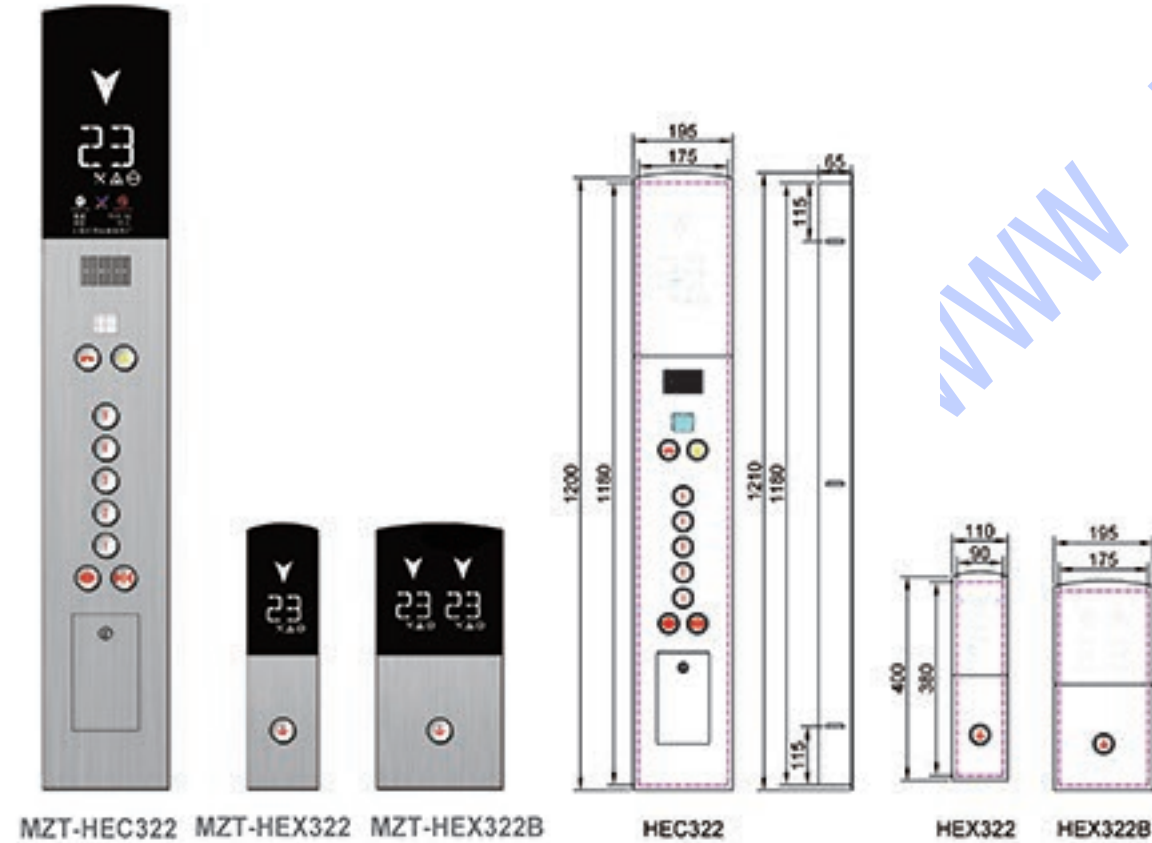
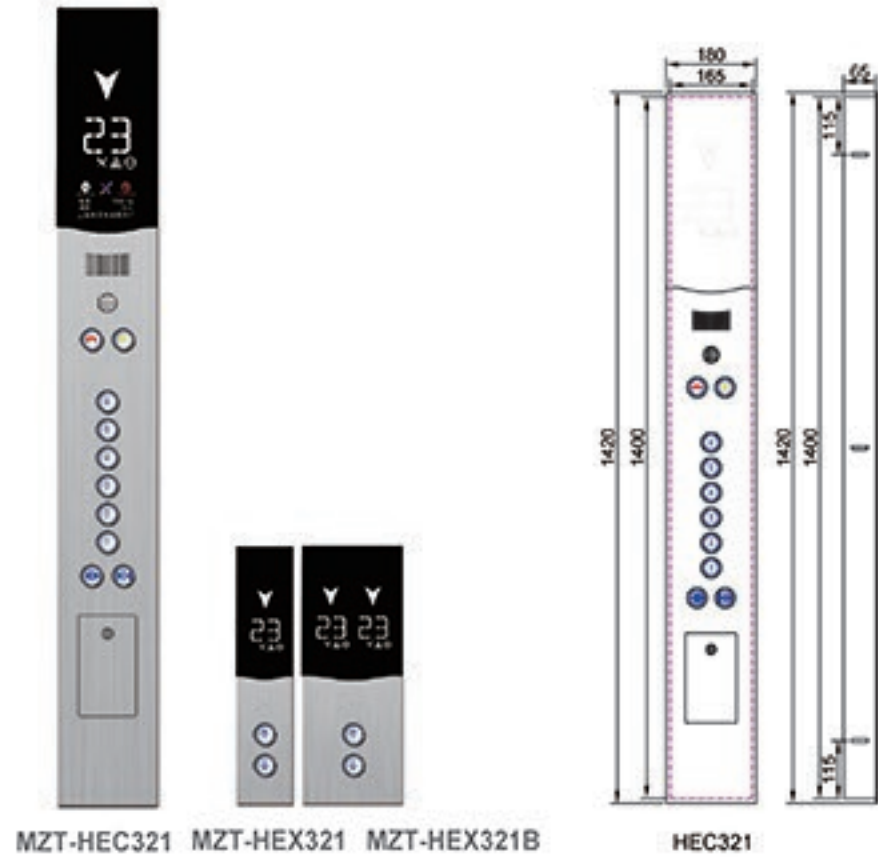
## ➤ Cop & Lop



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- Guiding System
- Traction System
- Car System
- Door System
- Safety Protection System
- Electrical Control System
- Accessories

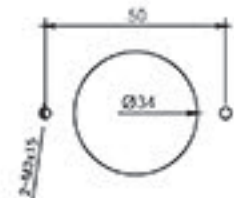
## ➤ Cop & Lop



## ➤ Push Button



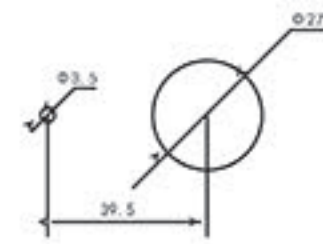
Type: MZT-MTD150  
Size(mm):  $\Phi 36 \times 39 \times 33$



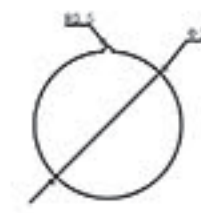
Type: MZT-MTD220  
Size(mm):  $\Phi 33 \times 23$



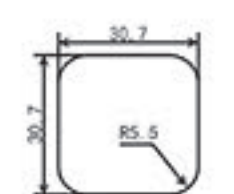
Type: MZT-MTD228  
Size(mm):  $\Phi 65 \times 36 \times 23$



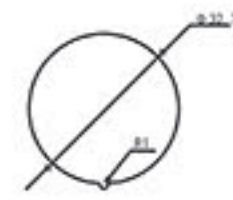
Type: MZT-MTD303  
Size(mm):  $\Phi 36 \times 2 \times 22$



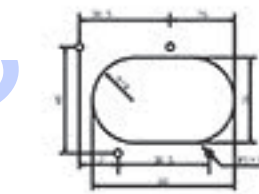
Type: MZT-MTD160  
Size(mm):  $36 \times 36 \times 36$



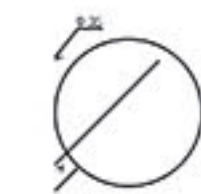
Type: MZT-MTD210  
Size(mm):  $\Phi 39 \times 29$



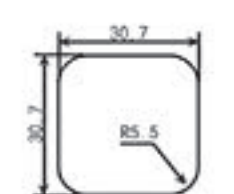
Type: MZT-MTD229  
Size(mm):  $\Phi 64 \times 50 \times 25$



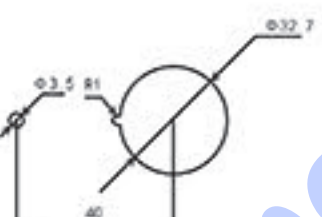
Type: MZT-MTD306  
Size(mm):  $\Phi 44 \times 18.5$



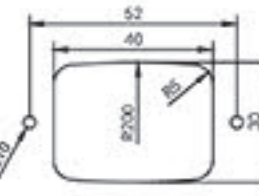
Type: MZT-MTD161  
Size(mm):  $36 \times 36 \times 36$



Type: MZT-MTD218  
Size(mm):  $84 \times 44 \times 31$



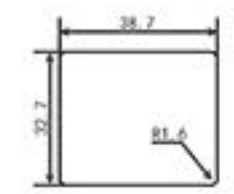
Type: MZT-MTD260  
Size(mm):  $\Phi 60 \times 35 \times 38.5$



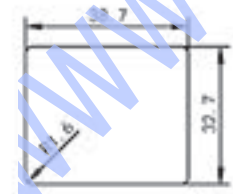
Type: MZT-MTD313  
Size(mm):  $\Phi 44 \times 18.5$



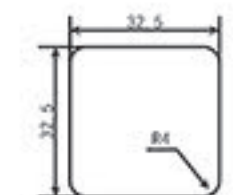
Type: MZT-MTD180  
Size(mm):  $47 \times 39 \times 32$



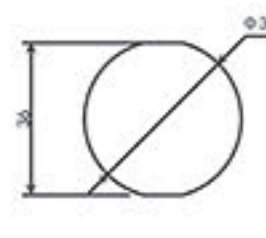
Type: MZT-MTD185  
Size(mm):  $33 \times 23$



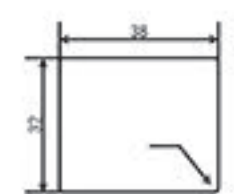
Type: MZT-MTD270  
Size(mm):  $\Phi 34.5 \times 34.5 \times 23.5$



Type: MZT-MTD330  
Size(mm):  $\Phi 45 \times 21$



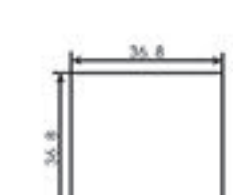
Type: MZT-MTD181  
Size(mm):  $47 \times 39 \times 32$



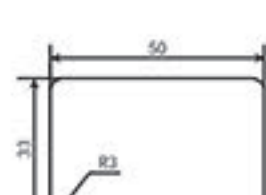
Type: MZT-MTD221  
Size(mm):  $\Phi 33 \times 23$



Type: MZT-MTD280  
Size(mm):  $\Phi 40 \times 40 \times 38$



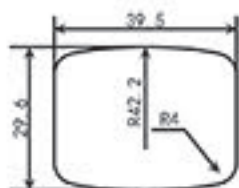
Type: MZT-MTD401  
Size(mm):  $54 \times 37 \times 23$



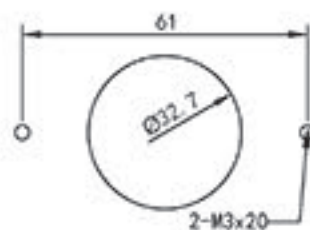
## ➤ Push Button



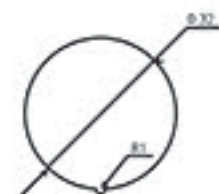
Type: MZT-MTD411  
Size(mm): 49.5X32.5X27



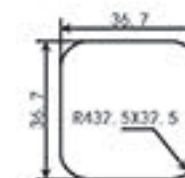
Type: MZT-MTD184  
Size(mm): 47X39X36



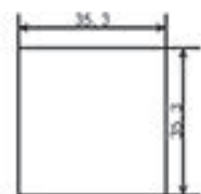
Type: MZT-MTD215  
Size(mm): Ø39X29



Type: MZT-MTD275  
Size(mm): 40X40X38



Type: MZT-MTD441  
Size(mm): 38X38X30



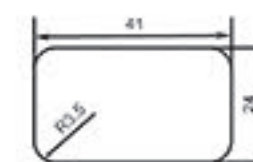
Type: MZT-MTD511  
Size(mm): 38X38X19



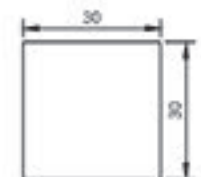
Type: MZT-MTD216  
Size(mm): Ø39X29



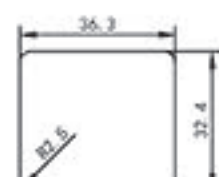
Type: MZT-MTD206  
Size(mm): 41X24



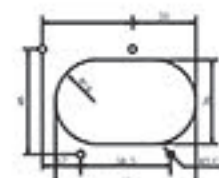
Type: MZT-MTD111  
Size(mm): 37X32X25.5



Type: MZT-MTD126  
Size(mm): 47X38X40



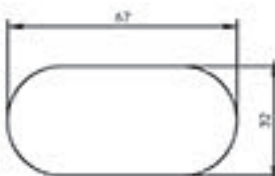
Type: MZT-MTD229B  
Size(mm): 64X50X22.5



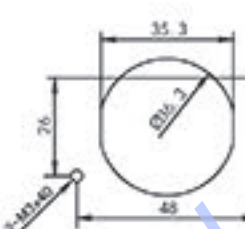
Type: MZT-MTD288  
Size(mm): 40X40X16



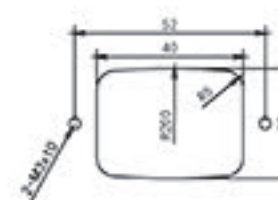
Type: MZT-MTD115  
Size(mm): 70X35X22



Type: MZT-MTD143  
Size(mm): 54X43X57



Type: MZT-MTD261  
Size(mm): 60X35X38.5



Type: MZT-MTD361  
Size(mm): Ø45X16



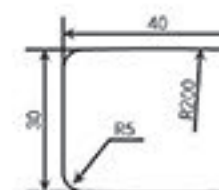
Type: MZT-MTD118  
Size(mm): 59X38X30



Type: MZT-MTD170  
Size(mm): 38.5X38.5X17



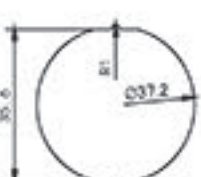
Type: MZT-MTD265  
Size(mm): 42X32X18



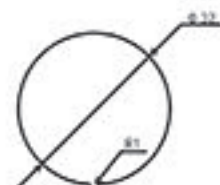
Type: MZT-MTD330  
Size(mm): Ø45X20



Type: MZT-MTD314  
Size(mm): Ø40X19



Type: MZT-MTD213  
Size(mm): 39X39X32





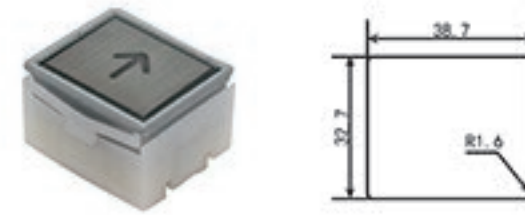
## ➤ Push Button



Type: MZT-MTD335  
Size(mm):  $\Phi 40 \times 21$



Type: MZT-MTD172  
Size(mm):  $\Phi 38.5 \times 38.5 \times 17$



Type: MZT-MTD182  
Size(mm): 41.5X35.5X29



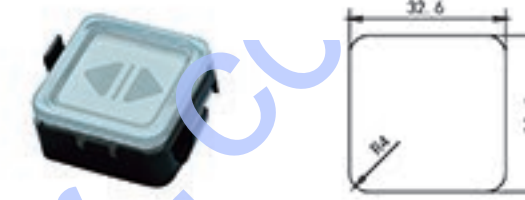
Type: MZT-MTD225  
Size(mm):  $\Phi 33 \times 23$



Type: MZT-MTD336  
Size(mm):  $\Phi 40 \times 21$



Type: MZT-MTD515  
Size(mm):  $\Phi 38 \times 38 \times 19$



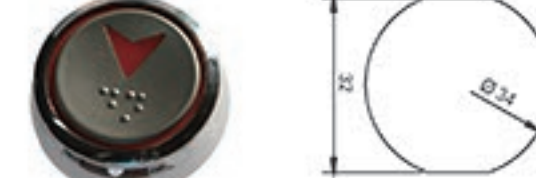
Type: MZT-MTD272  
Size(mm): 40X35X17



Type: MZT-MTD226  
Size(mm):  $\Phi 57 \times 34 \times 22$



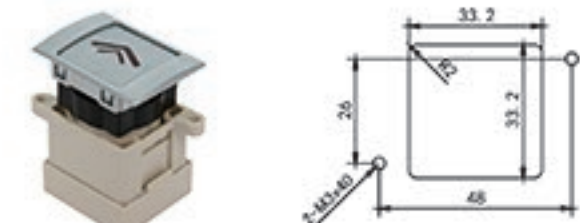
Type: MZT-MTD338  
Size(mm):  $\Phi 40 \times 21$



Type: MZT-MTD371  
Size(mm):  $\Phi 40 \times 40 \times 38$



Type: MZT-MTD200  
Size(mm): 36X36X36



Type: MZT-MTD142  
Size(mm): 54X34X57



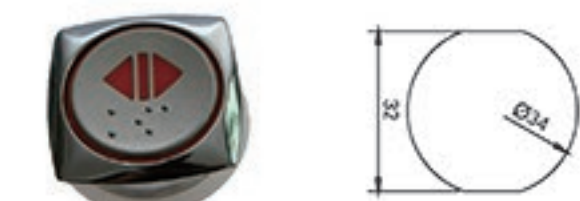
Type: MZT-MTD340  
Size(mm): 44X34X23



Type: MZT-MTD129  
Size(mm): 59.5X41.5X18



Type: MZT-MTD285  
Size(mm): 40X40X38



Type: MZT-MTD370  
Size(mm):  $\Phi 40 \times 40 \times 38$



Type: MZT-MTD350  
Size(mm): 47X39.5X23.5



Type: MZT-MTD482  
Size(mm): 41X58X22



Type: MZT-MTD513  
Size(mm):  $\Phi 39.5 \times 17$



Type: MZT-MTD442  
Size(mm): 44X38X20