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 1. The size of product in the catalogue may be a little different from the actual product. Our company has the right to modify or cancel the above product without notice.
 2. The color of actual product has some difference from the photos. For all products, please refer to the color of actual product.



MoBst® 默贝特

Integrator expert of elevator electrical components

Monarch | IBKT



Monarch

Suzhou Monarch Control Technology Co., Ltd., a wholly-owned subsidiary of Shenzhen Inovance Technology Co., Ltd., was founded in December 2003. Benefiting from the advanced AC drive technology of Inovance and qualified technical personnel, it supplies complete control and drive products to the elevator industry.

As a leader of the elevator integration technology, Monarch has successively launched the NICE3000, NICE7000, NICE2000 and NICE1000 (applied to freight elevator and villa elevator) integrated elevator controllers. It revolutionizes the elevator control system and takes the lead in the industry with a new term "integration".

Relying on Inovance's mature R&D platform, marketing platform, sales network, manufacturing platform and quality platform, Monarch provides customers with "Monarch Brand" supports and services besides supplying highly competitive products. Dedicated to "Creating Value for Customers", Monarch sustains close cooperation with customers to achieve a win-win result.

Outstanding in "Specialty, Technology and Service", Monarch keeps vigorous and rapid development. As of March 2012, the number of Monarch integrated elevator controllers running on-site reached 300,000.

MoBst

Shanghai MoBst Elevator Technology Co., Ltd. is the joint-venture company between Shanghai BST and Suzhou Monarch.

MoBst, integrated the two companies excellent products together, supplying the big-set elevator electric products to the market (Monarch integrated controller, BST fixture, BST cable, BST door).

MoBst focus on the big-set integrate solution design and running, in order to provide high integration, rich selection and quick delivery big-set to the market to help the customers to be more competitive and improve its company running efficiency.

UNION Elevator R&D experiences in years

UNION Market resources

UNION Service resources

UNION Management experiences

UNION Competitive products

1+1=∞

BST

As a main supplier of global elevator electrical products, BST adhere to the idea of creating comfortable life for customers, focus on developing full set elevator electrical products combined with electronic and mechanical designs, provide complete electrical solution to elevator customers.

BST offer all kinds of professional services, eg. research & design, production, engineering application, on-site support, etc, to quickly provide customers with product solutions. BST produce and supply customized elevator human-machine interface devices, microcomputer-controlled elevator door systems with synchronous and asynchronous drives, elevator travelling cables and cable harness with multi-signal transmission, high-speed & multi-core micro-computerized elevator logic controllers, energy-saving frequency-converted motor drives.

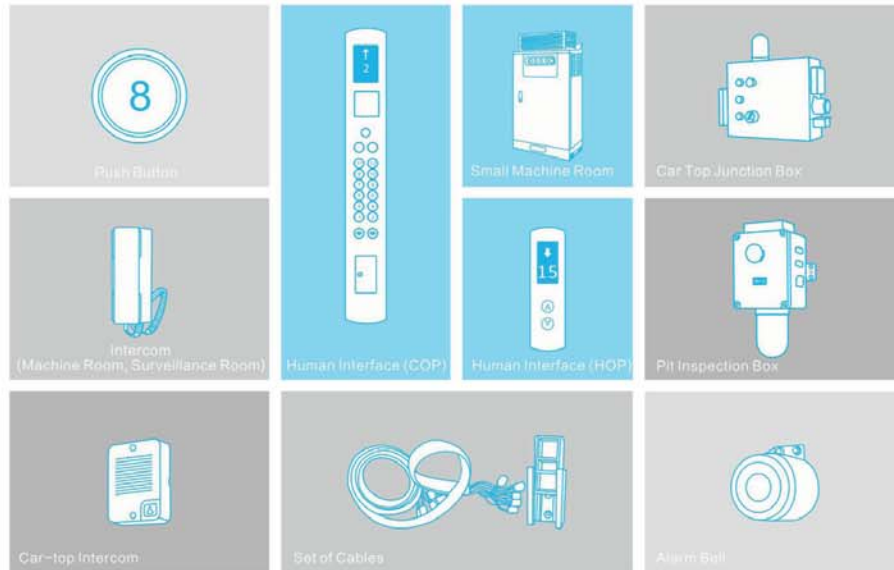
With more than 10 years development, BST always keep the spirit of perfectly pursuing higher quality and better service, to offer more competitive system solutions, and to provide more comfortable human-machine environment to customers.



MoBst

默贝特





We can bring you ∞

We focus on the research and development of big-set integrated elevator electric components... ..
 Big-set integration and more stable products,
 Smooth business operation,
 High effective deliver,
 More attentive service.

Control Cabinet

▲ NICE-CB1 Small Machine Room Control Cabinet



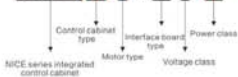
▶ Technical Parameters

Power	2.2kW-15kW
Speed	≤2.5m/s
Max. Number of Landing Floors	40 floors (can be extended)
Wiring Mode	Plug-in
Cabinet Dimensions (W*D*H)	530*240*995mm The height of the resistance box is included.
Control System	NICE3000™ integrated controller
Man-Machine Signal Sampling Mode	All serial
Standard Applicable Power Supply	Three-phase 380 VAC
Brake Applied Voltage	DC110 V
Applicable Elevator Type	Elevator with machine room
Applicable Motor	PMSM, AC asynchronous motor
Color	Gray RAL7032
Standard Package	Carton
Mounting Mode	Floor-type, wall-mounting type

Optional Functions

Function	Description
36 V lighting transformer (100 VA)	Add a 36 V lighting transformer and related circuit.
Door pre-open, re-leveling	Add a door pre-open module.

NICE-CB1-B-AL2-4F15



NICE Series Model	NICE3000™
Control cabinet Type	B1: Wall-mounted (≤ 15 kW) E1: Size-E (18.5-30 kW) W1: Machine-roomless (≤ 15 kW) X1: For villa elevator (≤ 7.5 kW)
Motor Type	A: Asynchronous motor B: Synchronous motor
Interface Board Type	L2: B-type interface board
Voltage Class	4:380V
Power Class	02: 2.2kW 03: 3.7kW 06: 5.5kW 07: 7.5kW 11: 11kW 15: 15kW 18: 18.5kW 22: 22kW 30: 30kW 37: 37kW 45: 45kW

Control Cabinet

▲ NICE-CE1 Control Cabinet



▶ Technical Parameters

Power	18.5kW-30kW
Speed	≤4m/s
Max. Number of Landing Floors	40 floors (can be extended)
Wiring Mode	Plug-in
Cabinet Dimensions (W*D*H)	610*290*1170mm The height of the resistance box is included.
Control System	NICE3000™ integrated controller
Man-Machine Signal Sampling Mode	All serial
Standard Applicable Power Supply	Three-phase 380 VAC
Brake Applied Voltage	DC110 V
Applicable Elevator Type	Elevator with machine room
Applicable Motor	PMSM, AC asynchronous motor
Color	Gray RAL7032
Standard Package	Carton
Mounting Mode	Floor-type

Optional Functions

Function	Description
36 V lighting transformer (100 VA)	Add a 36 V lighting transformer and related circuit.
Door pre-open, re-leveling	Add a door pre-open module.

▲ NICE-CF1 Control Cabinet



▶ Technical Parameters

Power	37kW-55kW
Speed	≤4m/s
Max. Number of Landing Floors	40 floors (can be extended)
Wiring Mode	Plug-in
Cabinet Dimensions (W*D*H)	800*330*1426mm The height of the resistance box is included.
Control System	NICE3000™ integrated controller
Man-Machine Signal Sampling Mode	All serial
Standard Applicable Power Supply	Three-phase 380 VAC
Brake Applied Voltage	DC110 V
Applicable Elevator Type	Elevator with machine room
Applicable Motor	PMSM, AC asynchronous motor
Color	Gray RAL7032
Standard Package	Crate
Mounting Mode	Floor-type

Optional Functions

Function	Description
36 V lighting transformer (100 VA)	Add a 36 V lighting transformer and related circuit.
Door pre-open, re-leveling	Add a door pre-open module.

Control Cabinet

▲ NICE-CW1 Machine-roomless Control Cabinet



► Technical Parameters

Power	≤15kW
Speed	≤2.5m/s
Max. Number of Landing Floors	40 floors (can be extended)
Wiring Mode	Plug-in
Cabinet Dimensions (W*D*H)	400*230*1720mm (The height of the resistance box is not included.)
Resistance Box Dimensions (W*D*H)	435*230*247mm
Control System	NICE3000™ integrated controller
Man-machine Signal Sampling Mode	All serial
Standard Applicable Power Supply	Three-phase 380 VAC
Brake Applied Voltage	DC110V
Remote Action Voltage	AC220V
Applicable Elevator Type	Machine-room-less elevator
Applicable Motor	PMSM, AC asynchronous motor
Color	Gray RAL7032
Standard Package	Carton
Mounting Mode	Floor-type

Optional Functions

Function	Description
36 V lighting transformer (100 VA)	Add a 36 V lighting transformer and related circuit.
Door pre-open, re-leveling	Add a door pre-open module.

▲ NICE-CX1 Control Cabinet



► Technical Parameters

Power	2.2kW-7.5kW
Speed	<1m/s
Wiring Mode	Plug-in
Cabinet Dimensions (W*D*H)	530*240*854mm (The height of the resistance box is not included.) The height of the resistance box (158 mm) is not included
Control System	NICE3000™ integrated controller
Man-machine Signal Sampling Mode	All serial
Standard Applicable Power Supply	Single-phase 220 VAC, three-phase 220 VAC, three-phase 380 VAC
Brake Applied Voltage	DC110 V
Remote Action Voltage	AC220 V
Applicable Elevator Type	Home elevator
Applicable Motor	PMSM adaptable with PG card of PG-E type
Color	Dark gray with orange peel Sc02024
Standard Package	Carton
Mounting Mode	Floor-type, wall-mounting type

Optional Functions

Function	Description
36 V lighting transformer (100 VA)	Add a 36 V lighting transformer and related circuit.

Control Cabinet

▲ NICE1000 Home Control Cabinet A



► Technical Parameters

Power	2.2kW-5.5kW
Speed	0.4m/s
Max. Number of Landing Floors	6 floors
Wiring Mode	Plug-in
Cabinet Dimensions (W*D*H)	660*230*820mm
Control System	NICE1000 integrated controller
Man-machine Signal Sampling Mode	All parallel
Standard Applicable Power Supply	Single-phase 220 VAC, optional three-phase 380 VAC
Brake Applied Voltage	DC110 V
Applicable Elevator Type	Home elevator
Applicable Motor	PMSM, AC asynchronous motor
Color	Gray
Standard Package	Carton
Mounting Mode	Floor-type, wall-mounting type

▲ NICE1000 Home Control Cabinet B



► Technical Parameters

Power	2.2kW-5.5kW
Speed	0.4m/s
Max. Number of Landing Floors	6 floors
Wiring Mode	Plug-in
Cabinet Dimensions (W*D*H)	400*220*1300mm
Control System	NICE1000 integrated controller
Man-machine Signal Sampling Mode	All parallel
Standard Applicable Power Supply	Single-phase 220 VAC, optional three-phase 380 VAC
Brake Applied Voltage	DC110V
Applicable Elevator Type	Home elevator
Applicable Motor	PMSM, AC asynchronous motor
Color	Gray
Standard Package	Carton
Mounting Mode	Floor-type

▲ NICE1000 Home Control Cabinet C



► Technical Parameters

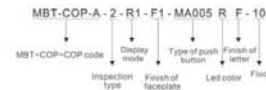
Power	2.2kW-5.5kW
Speed	0.4m/s
Max. Number of Landing Floors	6 floors
Wiring Mode	Plug-in
Cabinet Dimensions (W*D*H)	320*220*1900mm
Control System	NICE1000 integrated controller
Man-machine Signal Sampling Mode	All parallel
Standard Applicable Power Supply	Single-phase 220 VAC, optional three-phase 380 VAC
Brake Applied Voltage	DC110V
Applicable Elevator Type	Home elevator
Applicable Motor	PMSM, AC asynchronous motor
Color	Gray
Standard Package	Carton
Mounting Mode	Floor-type

Human Interface Fixture

Human Interface Fixture

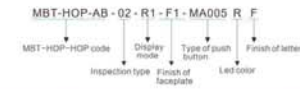


Installation instruction



Inspection type	Finish of face plate	Type of push button	LED Light	Finish of push button faceplate	Installation way	Mounting Dimension					
						Floor	Length of COP	Length of backbox	Width of COP	Width of backbox	Thickness of backbox
1. Inspect for key switch 2. Inspect for door	F1:Marine J1:Mirror T1:Titanium marine T2:Titanium mirror	MA001 MA002 MA003 MA004 MA005 MA006 MA011 MA012	R:Red O:Orange Y:Yellow G:Green B:Blue W:White	F:Marine J:Mirror T:Titanium	With backbox	2-10	1200	1180	170	187	77
						11-18	1300	1340			
						19-30					
						31-45	1500	1540	200	187	

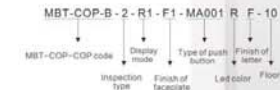
Installation instructions



HOP Name	Specification Code	Surface finish	Push-button type	LED Color	Finish of push-button faceplate	Installation way	Length of faceplate	Length of backbox	Width of faceplate	Width of backbox	Thickness of backbox
MBT-HOP-AB	01-R 02-B0-B05 03-M	F1:Marine	MA001 MA002	R:Red Orange	F:Marine	With backbox	380	360	105	90	60
MBT-HOP-AC	04-MS-M55 05-T	J1:Mirror	MA003 MA004	Y:Yellow G:green B:Blue W:white	J:Mirror		330	310	135	150	
MBT-HOP-AG	06-TS-T55 07-BSX-B55XX	T1:Titanium marine	MA005 MA006		T:Titanium		105	90			
MBT-HOP-AH	08-MSX-M55XX 09-TSX-T55XX	T2:Titanium mirror	MA011 MA012				240	220	150	135	
MBT-HOP-AJ							105	90			

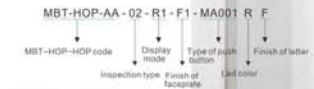
Remark: When in parallel, the specification is same as above, J1 is -B55, -M55, -T55, -B55XX, -M55XX, -T55XX. When the type is AB or AC, and with firefighter, the length of faceplate is 500 and the length of backbox is 480.

Installation instruction



Inspection type	Finish of faceplate	Type of push button	LED Color	Finish of push button faceplate	Installation way	Mounting Dimension					
						Floor	Length of faceplate	Length of backbox	Width of faceplate	Width of backbox	Thickness of backbox
1. Inspect for key switch 2. Inspect for door	F1:Marine J1:Mirror T1:Titanium Marine T2:Titanium Mirror	MA001 MA002 MA003 MA004 MA011 MA012 MA023 MA024	R:Red Orange Y:Yellow G:Green B:Blue White	F:Marine J:Mirror T:Titanium	With backbox	2-10	1230	1190	170	187	77
						11-18	1390	1340			
						19-30	1390	1340			
						31-45	1590	1540	200	187	

Installation instruction



HOP NAME	Specification code	Finish of faceplate	Type of push button	LED color	Finish of push button faceplate	Installation way	Length of faceplate	Width of faceplate	Thickness of backbox
MBT-HOP-B	01-B 02-B0-B05	F1:Marine	MA001 MA002	R:Red Orange	F:Marine	Without backbox	380	310	16.1
MBT-HOP-C	03-M 04-MS-M55	J1:Mirror	MA003 MA004	Y:Yellow G:green B:Blue White	J:Mirror		180		
MBT-HOP-AA	05-T 06-TS-T55	T1:Titanium marine	MA011 MA012		T:Titanium		320	300	
MBT-HOP-Z		T2:Titanium mirror	MA023 MA024				320	300	

Remark: when HOP code = HOP-B or HOP-C, only dot matrix displayer available; when HOP code = HOP-AA, only dot matrix displayer and LCD displayer available; when HOP code = HOP-ZZ, MS length is 380, other types should be 320.

Human Interface Fixture

Human Interface Fixture



MBT-COP-D

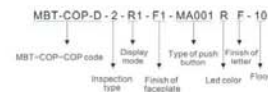


MBT-HOP-X



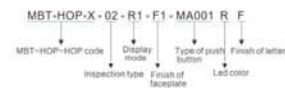
MBT-HOP-Y

Installation instruction



Inspection type	Finish of face plate	Type of push button	LED Color	Finish of push button faceplate	Installation way	Mounting Dimensions					
						Stops	Length of faceplate	Length of backbox	Width of faceplate	Width of backbox	Thickness of backbox
1. Inspect for key switch 2. Inspect for floor	F1:Harline J1:Mirror TP1: Titanium harline T1: Titanium mirror	MA001 MA002 MA003 MA004 MA011 MA012 MA023 MA024	R:Red O:Orange Y:Yellow G:Green B:Blue W:White	F:Harline J:Mirror T: Titanium	With backbox	2-10	1200	1180	185	157	77
						11-15	1360	1340			
						16-26	1500	1540	215	187	
						29-42					

Installation instructions



HOP NAME	Specification code	Finish of faceplate	Type of push button	LED color	Finish of push button faceplate
MBT-HOP-X MBT-HOP-Y	01-B 02-B0-800 03-M 04-M0-400 05-F 06-T0-100	F1:Harline J1:Mirror TP1: Titanium harline T1: Titanium mirror	MA001 MA002 MA003 MA004 MA011 MA012 MA023 MA024	R:red O:Orange Y:Yellow G:green B:blue W:white	F:Harline J:Mirror T: Titanium

Type	Installation way	Length of faceplate	Length of backbox	Width of faceplate	Width of backbox	Thickness of backbox
MBT-HOP-X	With backbox	300	360	105	90	60
MBT-HOP-Y				195	190	

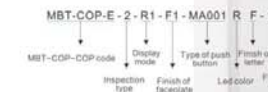


MBT-COP-E



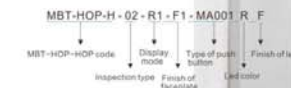
MBT-HOP-H

Installation instruction



Inspection type	Finish of face plate	Type of push button	LED Color	Finish of push button faceplate	Installation way	Mounting Dimensions					
						Stops	Length of faceplate	Length of backbox	Width of faceplate	Width of backbox	Thickness of backbox
1. Inspect for key switch 2. Inspect for floor	F1:Harline J1:Mirror TP1: Titanium harline T1: Titanium mirror	MA001 MA002 MA003 MA004 MA005 MA006 MA011 MA012	R:Red O:Orange Y:Yellow G:Green B:Blue W:White	F:Harline J:Mirror T: Titanium	With backbox	2-10	1200	1180	190	157	77
						11-15	1360	1340			
						16-26	1500	1540	215	187	
						29-42					

Installation instruction



HOP NAME	Specification code	Finish of faceplate	Type of push button	LED color	Finish of push button faceplate
MBT-HOP-H	01-B 02-B0 03-M 04-M0 05-F 06-T0	F1:Harline J1:Mirror TP1: Titanium harline T1: Titanium mirror	MA001 MA002 MA003 MA004 MA005 MA006 MA011 MA012	R:red O:Orange Y:Yellow G:green B:blue W:white	F:Harline J:Mirror T: Titanium

Type	Installation way	Length of faceplate	Length of backbox	Width of faceplate	Width of backbox	Thickness of backbox
MBT-HOP-H	With backbox	440	413	109	90	60



Human Interface Fixture

Human Interface Fixture

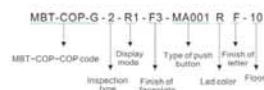


MBT-COP-G

MBT-HOP-T

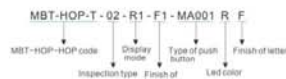
MBT-HOP-AD

Installation instruction



Inspection type	Finish of faceplate	Type of push button	LED Color	Finish of push button recesses	Installation way	Mounting Dimensions					
						Stroke	Length of faceplate	Length of backbox	Width of faceplate	Width of backbox	Thickness of backbox
1: Inspect for key switch 2: Inspect for floor	F3: Hairline at center and mirror at two sides	MA001 MA002	R:Red O:Orange Y:Yellow G:Green B:Blue W:White	F:Hairline J:Mirror T:Titanium	With backbox	2-10	1200	1180	170	157	77
	F4: Mirror at center hairline at two sides	MA003 MA004				11-18	1360	1340			
	TF3: Titanium hairline at center and Titanium mirror at two sides	MA005 MA006				19-30	1560	1540			
TF4: Titanium mirror at center and titanium hairline at two sides	MA011 MA012										

Installation instructions



HOP NAME	Specification code	Finish of faceplate	Type of push button	LED color	Finish of push button
MBT-HOP-T	R1-B O3-M O5-T	F3: Hairline at center and mirror at two sides F4: Mirror at center hairline at two sides	MA001 MA002	R:Red O:Orange Y:Yellow G:Green B:Blue W:White	F:Hairline J:Mirror T:Titanium
MBT-HOP-AD	O2-B03-B03 O4-MS-MS5 O6-TS-TS5	TF3: Titanium hairline at center and Titanium mirror at two sides TF4: Titanium mirror at center and titanium hairline at two sides	MA003 MA004 MA005 MA006 MA011 MA012		

Type	Installation way	Length of faceplate	Length of backbox	Width of faceplate	Width of backbox	Thickness of backbox
MBT-HOP-T	With backbox	360	360	105	90	60
MBT-HOP-AD				195	180	

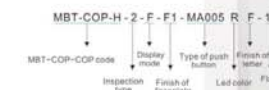


MBT-COP-H

MBT-HOP-U

MBT-HOP-AE

Installation instruction



Inspection type	Finish of faceplate	Type of push button	LED Color	Finish of push button recesses	Mounting Dimensions						
					Stroke	Length of faceplate	Length of backbox	Width of faceplate	Width of backbox	Thickness of backbox	
1: Inspect for key switch 2: Inspect for floor	F1: Hairline J1: Mirror	MA005 MA006	R:Red O:Orange Y:Yellow G:Green B:Blue W:White	F:Hairline J:Mirror T:Titanium	With backbox	2-30	1560	1540	200	187	77
	TF1: Titanium Hairline TJ1: Titanium Mirror	MA011 MA012 MA034 MA036									

Installation instruction



HOP NAME	Specification code	Finish of faceplate	Type of push button	LED color	Finish of push button
MBT-HOP-U	O1-B O3-M O5-T	F1: Hairline J1: Mirror	MA005 MA006	R:Red O:Orange Y:Yellow G:Green B:Blue W:White	F:Hairline J:Mirror T:Titanium
MBT-HOP-AE	O2-B03-B03 O4-MS-MS5 O6-TS-TS5	TF1: Titanium hairline TJ1: Titanium mirror	MA003 MA004 MA011 MA012 MA034 MA036		

Type	Installation way	Length of faceplate	Length of backbox	Width of faceplate	Width of backbox	Thickness of backbox
MBT-HOP-U	With backbox	410	360	120	90	60
MBT-HOP-AE				195	180	

Human Interface Fixture

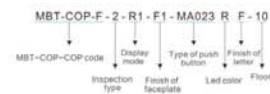
Human Interface Fixture



MBT-COP-F

MBT-HOP-J

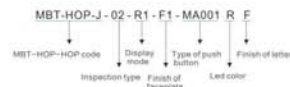
Installation instructions



Inspection type	Display	Finish of faceplate	Type of push button	LED Color	Finish of push button
1. Inspection of keyswitch 2. Inspection of floor	R1 MCTC-HCB-R1 H MCTC-HCB-H T2 MCTC-HCB-T2	F1:Harline J1:Minor T1: Titanium harline T2: Titanium mirror	MA023 MA024	R:Red O:Orange Y:Yellow G:Green B:Blue W:White	F:Harline J:Minor T:Titanium

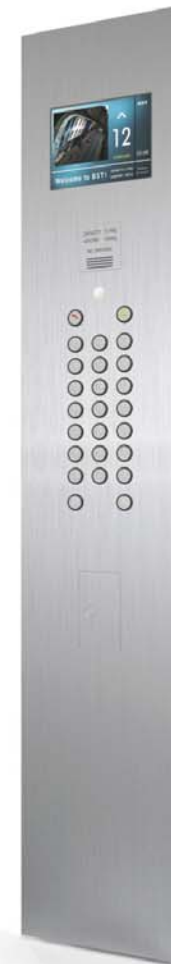
Installation size	Mounting Dimensions					
	Shore	Length of faceplate	Length of backbox	Width of faceplate	Width of backbox	Thickness of backbox
With backbox	2-21	1200	1150	190	113	60

Installation instructions



Specification code	Display	Finish of faceplate	Type of push button	LED color	Finish of push button
01-B 02-M 03-T 04-MS 05-T 06-TS	R1 MCTC-HCB-R1	F1:Harline J1:Minor T1: Titanium harline T2: Titanium mirror	MA023 MA024	R:Red O:Orange Y:Yellow G:Green B:Blue W:White	F:Harline J:Minor T:Titanium

Installation size	Length of faceplate	Width of faceplate	Thickness of faceplate
Without backbox	332	87	18.5



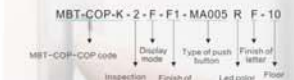
MBT-COP-K



MBT-HOP-F

MBT-HOP-G

Installation instructions



Inspection type	Finish of faceplate	Type of push button	LED Color	Finish of push button
1. Inspection of keyswitch 2. Inspection of floor	F1: Harline T1: titanium harline T2: Titanium mirror M1: champagne gold mirror M2: rose gold mirror	MA005 MA004 MA011 MA012 MA034 MA036 MA037 MA038	R:Red O:Orange Y:Yellow G:Green B:Blue W:White	F:Harline J:Minor T:Titanium

Installation size	Mounting Size				
	Shore	Length of Faceplate	Width of Faceplate	Thickness of Faceplate	Thickness of Confining rail
Confining	3-45	On request	On request	On request	80

Installation instructions



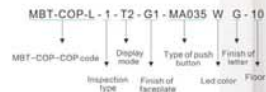
HOP NAME	Specification code	Finish of faceplate	Type of push button	LED color	Finish of push button
MBT-HOP-F MBT-HOP-G	01-B 02-MS 03-14 05-1 04-MS 06-TS-155	F1:Harline J1:Minor T1: Titanium harline T2: Titanium mirror	MA005 MA004 MA011 MA012 MA037 MA038	R:Red O:Orange Y:Yellow G:Green B:Blue W:White	F:Harline J:Minor T:Titanium

Type code	Installation size	Length of faceplate	Width of faceplate	Thickness of Confining rail
MBT-HOP-F	Surface mounted	320	84	18.8
MBT-HOP-G			160	

Human Interface Fixture



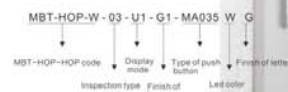
Installation instructions



Inspection type	Display	Finish of faceplate	Type of push button	LED Color	Finish of push button faceplate
1-Key Inspector	T2MCTC-HCB-T2	G1: Tempered glass	MA035	W White	G1: Tempered glass

Installation way	Mounting Dimensions				
	Slope	Length of faceplate	Length of backbox	Width of faceplate	The height of backbox
With backbox	2-33	1300	1280	230	213 70

Installation instructions



Specification code	Display	Finish of faceplate	Finish of letter	Type of push button	LED Color	Finish of push button faceplate
MBT-HOP-W	01-B 03-M 05-T	U1:MCTC-HCB-U1 T1:MCTC-HCB-T1	G1: Tempered glass	MA035	W White	G1: Tempered glass

Type code	Installation way	Length of faceplate	Length of backbox	Width of faceplate	Width of backbox	The height of backbox
MBT-HOP-W	With backbox	373	360	105	90	60

Human Interface Fixture



Installation instructions



Finish of faceplate	Type of push button	LED color	Finish of push button
F1: Hairline J1: Mirror T1: Titanium hairline TJ1: Titanium mirror	MA005 MA004 MA006 MA010 MA004	R:red O:orange Y:yellow G:green B:blue W:white	F1: Hairline J1: Mirror T1: Titanium

Installation way	Mounting Dimensions				
	Slope	Length of faceplate	Length of backbox	Width of faceplate	The height of backbox
With backbox	2-10	380	360	190	470
	11-24			200	270
	25-38			300	370

fire fighting series



MBT-FIRE-A

MBT-FIRE-B

Installation instructions



Type of fireman action	Finish of faceplate
MBT-FIRE-A MBT-FIRE-B	F1: Hairline J1: Mirror T1: Titanium hairline TJ1: Titanium mirror

Type code	Installation way	Length of faceplate	Length of backbox	Width of faceplate	Width of backbox	Height of backbox
MBT-FIRE-A	Surface mounted	112		63		25
MBT-FIRE-B	With back box	150	140	60	65	60

Human Interface Fixture

Human Interface Fixture

▲ PUSH BUTTON

▲ PUSH BUTTON



Ma001



Ma002



Ma003



Ma004



Ma005



Ma006



Ma011



Ma012



Ma013



Ma014



Ma017



Ma018



Ma023



Ma024



Ma034



Ma036



Ma037



Ma038

Human Interface Fixture

Human Interface Fixture

Indicator

Indicator



BVC100A



BVX100A



BVL101



BVC300



BVD161



MCTC-HCB-R1



MCTC-HCB-H



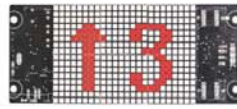
BVC330



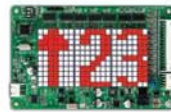
BVX330



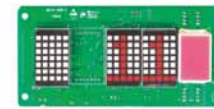
BVD121



MCTC-HCB-G



BVD151



MCTC-HCB-F



KVY904



MCTC-HCB-U1



BVX430A



BVX403A



MCTC-HCB-V1



BVC401A



BVH411A



BVH430A



MCTC-HCB-T1



BVT604.3



BVT808.1



BVT607.0



MCTC-HCB-T2



MCTC-HCB-T3



BVT810.1







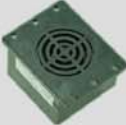









BVT810.4



BVT812.1

Accessories of Electric Products

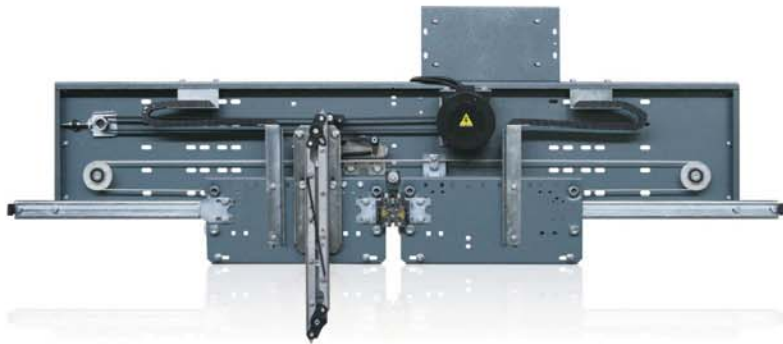
 Power Box MBT-MS-A	 ARD Equipment MCTC-ARD-B-4011/4018	 Car Top Inspection Box MBT-CTIB-A
 Asynchronous machine MBT-EC-A2	 Voice Announcer MCTC-CHM-B	 Voice Announcer BDX101
 Arriving Gong BD133	 Photoelectric switch sensor MBT-LS-A1	 Cosine Encoder MBT-EC-A1
 Hoistway safety switch MBT-HWC-A	 Pit inspection box MBT-PIB-A	 Emergency stop box MBT-PSB-A
 Hoistway lighting MBT-HL-A1	 Explosion-proof lights MBT-HL-A2	 Installation Accessories

Accessories of Electric Products

 Multi-intercom MBT-MM1-Bn	 Machine room Intercom MBT-MI-B1	 Car Top Intercom MBT-CTI-B1
 Pit Intercom MBT-PI-B1	 Car Intercom MBT-CI-B1	 Power supply for Intercom MBT-EP-B1
 Multi-Intercom MBT-MM1-An	 Machine room Intercom MBT-MI-A1	 Car Top Intercom MBT-CTI-A1
 Pit Intercom MBT-PI-A1	 Car Intercom MBT-CI-A1	 Power Supply for Intercom MBT-EP-A1

Door System

▲ J2500-C2A 2 Panel Centre Opening Asynchronous Door Operator



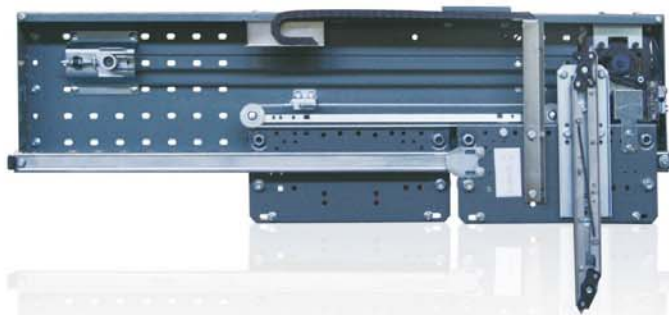
Door Width	Clear Height	Clear Height
PL=600-1100	HL=2000-2400	60kg

▲ T2100-C2A 2 Panel Centre Opening Intergrated Landing Mechanism



Door Width	Clear Height	Clear Height
PL=700-1000	HL=2000-2200	45kg

▲ J2300-T2A 2 Panel Side Opening Asynchronous Door Operator



Door Width	Clear Height	Clear Height
PL=600-1300	HL=2000-2400	75kg

▲ T2200-T2A 2 Panel Side Opening Landing Mechanism



Door Width	Clear Height	Clear Height
PL=600-1300	HL=2000-2400	75kg

Door System

▲ Door Controller NICE900

Motor:

1. PM motor and AC Asynchronous Motor are both fitted.
2. Can be tuning with and without loading.
3. Power ratings are 200W, 400W, 700W.

Controller:

1. Intergrated with door open&close logic control, and motor drive control.
2. Support two modes of speed control and remote control.
3. Having the protection function of over loading, over voltage, under voltage, default phase, phase fault ...
4. Support the vector control of PM motor under using ABZ encoder, open circuit of encoder has the function of electrode output or push.



▲ PM Motor and controller BG201

Motor:

1. Great torque, low speed motor, torque can reach 8N.m,
2. High output efficiency, the rotors of synchronous motor are of no wear and tear,
3. Energy saving, environment protective. The rotors are made of permanent magnet material, no consumption of excitation current. The output efficiency of 47W PM Motor equals to that of 100W asynchronous motor..

Controller:

1. It can reach high performance with USA Fairchild SPMTM and USA TI DSP processor.
2. Low noise, SPM Power Modules. Optimized vector control mode ensures the overall control performance,
3. Intergrated panel debugging, intuitive status monitor, intelligent monitoring door machine running speed.



▲ AC Asynchronous Motor and Controller BG101

Motor:

1. Asynchronous motor operators by VF or vector control system. When using VF control, it is unnecessary to use speed sensor. Not only control method is simple, but also a single controller can drive multiple type of motor as well.
2. Under the vector control mode, the motor can be driven smoothly with the speed information.
3. It is not necessary to consider demagnetization if using asynchronous motors. Moreover, with the large stall torque, asynchronous motor can be suitable for more types of door system.

Controller:

1. It can reach high performance with USA Fairchild SPMTM and USA TI DSP processor.
2. It is equipped with VF control or closed-loop vector control, which possess VR compensation functions.
3. Adjustable torque compensation makes it fit for the elevator doors of different weights.
4. Maintaining multi-mode closed torque extends the motor life by reducing motor heating effectively.
5. It is designed to be ultra-thin (5.6cm) with compact structure for flexible installation.



Door System

▲ Door panel

BST can supply Normal Powder-coated Panels, Fireproof Panels, Full-Glass Panels and Big Vision Panels.



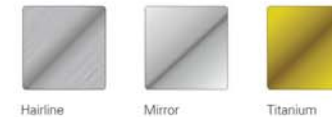
Powder-coated Door Panel

RAL Color



Stainless Steel Door Panel

Stainless steel



Hairline Mirror Titanium



Fireproof Door Panel



Big Vision Door Panel

Door Width	Clear Height
700-1200mm	2000-2300mm



Full Glass Door Panel

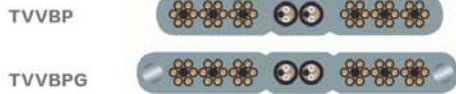
Door Width	Clear Height
700-1200mm	2000-2300mm

Cable System

RVV RVVP Round Elevator Control Cable



TVVBP TVVBPG Flat Elevator Control Cable



拥有DNV(ISO9001)、CCC、UL、CE、RoHS等专业认证。

We are a reliable supplier as we are professional.

If you choose us, what you get is more than what you think of...

It is not 1+1=2, but

$$1+1=\infty$$

Cable solution

Full Plug-in Prefabricated Cable---All sets of cable is bundled in plug-in way, which is more convenient to connect the cable.

Modular cable---According to customer's order, the combination of all sets are automatically formed, which has wide application.

ODS Order System---As per customers' order requirement, the cable list and price are formed quickly, quotation will be offered more efficiently.

Room Cable

- Parallel cable
- Host thermostat detects cable
- Riders round cable
- Brake test cable
- Brake power cable
- Governor action release cable
- Governor cable
- Electric cable
- Power supply cable

Car Cable

- Door cable
- Car door switch cable
- Safety gear cable
- Gate area cable
- Curtains cable
- Car intercom cable
- Arriving Gong cable
- Car fan cable
- Car light cable
- Weighting switching power supply
- GOP cable

Howist Cable

- HOP cable
- Deceleration and limit cable
- Landing door switch cable
- Howist safety cable
- Pit intercom cable
- Howist light cable
- Pit safety cable
- Spare cable

Travelling Cable

- Travelling cable
- Video accompanying cable

