

Standard SJ-Victor 、 SJ-Victor MRL



XTQ04-254D
LED+Acrylic light
transmissive plate



XTQ07-31



XTQ04-17 Optional

Deep car or double pass door recommended



COP STANDARD

Display: 10.4" (6.4" LED)

Button: BS34D (L)

Control panel : Hairline stainless steel



10.4 "
(6.4 "LED)



BS34D(L)
Shimmer button

XCP2-A2

LOP STANDARD

Display: 4.3" BND, 4.3 LED

Button: BS34F

Control panel : Hairline stainless steel



BS34F

XHB12-L

Optional



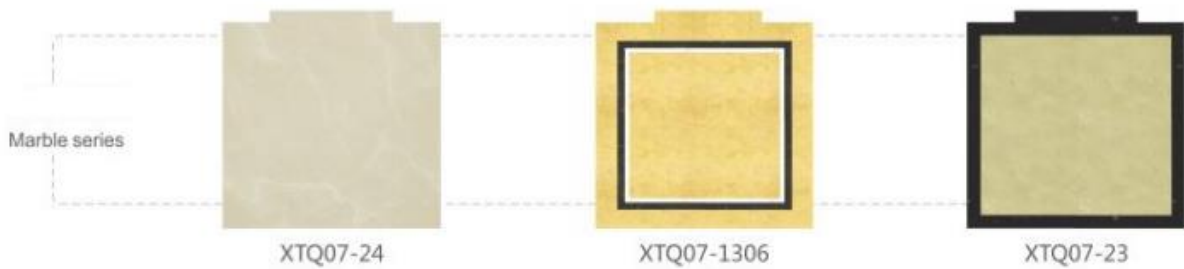
XTQ04-506D



XTQ04-230D



XTQ04-23



XTQ06-01



XTQ06-01A



XTQ06-01B



XTQ06-16

SJ-Victor MRL Brochure:

<https://drive.google.com/open?id=1P7Xssm0zBt6mbweNiMibQ7Ms3YGS1JEq>

Cabin Decoration Brochure:

<https://drive.google.com/open?id=1kbmDmLfU0H-rzOeZ1yHNQBNXom-8eXBk>



SJ-Victor MRL

Make the biggest savings for your building space!

V (m/s)	LOAD (Kg)							
	630	680	800	900	1000	1150	1350	1600
1.00	50m/16F							
1.50	75m/32F							
1.75	90m/32F							

MRL Traction Machine

Mainly used for
1050 ~ 1650Kg



Type I for MRL

$630\text{kg} \leq Q \leq 1600\text{kg}$
 $V \leq 1.75\text{m/s}$

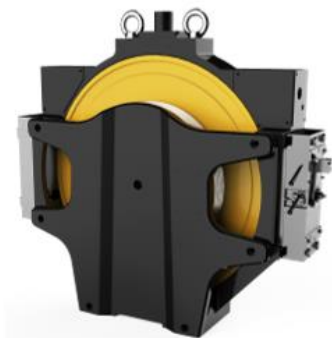
GETM3.0H/
GETM3.5H/
GETM6.0H



Type II for MRL

$630\text{kg} \leq Q \leq 1000\text{kg}$
 $V \leq 1.75\text{m/s}$

GETM3.0D



Type III for MRL

$800\text{kg} \leq Q \leq 1000\text{kg}$
 $V \leq 1.75\text{m/s}$

GETM3.0G

Standard:
Integrated control cabinet



SC1002 Series

MRL Control System

Intelligent control system

VVVF. The modular, all-computer design ensures efficient, comfortable and safe operation of the elevator.

Coverage:

Power: 7.5 ~ 37KW LOAD: 630 ~ 1600KG
Speed: 1.0 ~ 2.5m/s Floor: 64/64
Group Control: 8台

Features

- **Independent research and development**
All control panels, inverters and displays are independently developed and have 106 patents.
- **Anti-disturbance capability**
Suitable for a variety of mechanical systems as well as different mainframes
- **Integrated control system, miniaturized design**
- **32-bit digital signal processor**
- **Simple commissioning and remote control**
- **According to United Technologies Corporation standard**
More than 100 rigorous tests, product failure rate is less than 0.3%

Door Operator

Safety protection, always protect your safety

Safety

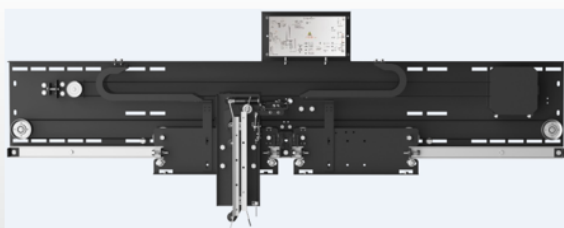
The door motor adopts permanent magnet synchronous motor, adopts AC variable frequency variable voltage control, precisely controls the output torque of the motor, low noise and high efficiency, and greatly saves energy consumption.

Reliable operation and low failure rate

3 million reliability operation verification

Have a national laboratory

More than 300,000 sites are in use, and the failure rate is extremely low.



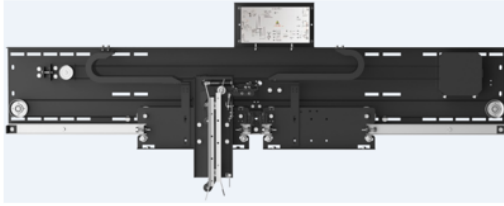
Adapt to the complex of the construction site

Wide voltage design, can adapt to $\pm 20\%$ voltage fluctuation, anti-work voltage instability motor protection IP54, humidity 98%, can prevent worksite splashing, dust, mortar

High efficiency, low noise and free debugging

The shortest opening time is 2S, the noise is only 50dB





OTIS 51628 TEST

□ ALL PASSED

- Wide operating temperature range: $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$, motor overload capacity 150%

- Synchronous/asynchronous door knife selection function, power failure slow closing function, overvoltage and under voltage short circuit protection

a) Input voltage : **AC220V $\pm$ 20%**;

b) Frequency converter :

Rated frequency : 50/60Hz;

Rated current : 2.5A;

Maximum current : 5.0A

The output voltage : 0 ~ 220V;

Output frequency : 0 ~ 50Hz

c) Motor :

Rated voltage : AC100/125V;

Rated current : 0.73A/1.2A ;

Rated speed : 180r/min;

Rated torque : **2.3/5.0N·m**;

Rated power : **43.5/94.3W**

d) Encoder :

Non-contact, high resolution, rotary position encoder in the 360° range

Resolution: 12-bit absolute value output

Output interface: Synchronous Serial Interface (SSI)

Operating temperature : $-5^{\circ}\text{C} \sim 40^{\circ}\text{C}$

Light curtain door protection

(upgraded to 194 bundles)

Using a sensitive density infrared light curtain, a light curtain protection safety net is formed at the elevator door, which can respond sensitively to any person or object entering its detection plane, with high safety performance and easy access.



Three major safety components

SURAPID governor, safety gear and buffers are all independently developed and produced. The company has experienced experts in the development of elevator safety components, and at the same time configures advanced testing equipment and instruments in the industry to enhance safety testing.



Function

Operating Function	
Complete set selection	LNS-Load Non Stop
Reinitializing operation	Corrected operation
Shaft position self-learning	Onboard debugging
Automatic elimination of reverse command	CBC-Cancel Error Calls
ADC-Advanced Door Closing	DOB/DCB-Door Open/Close Button
DOBL/DCBL-Door Open/Close Button Light	Separate control DHT of car and landing door
Door Re-opening	Automatic return to base floor
TCI-Top of Car inspection	Torque compensation on starting
Reverse instruction non-registration function	No positioning
Removal of current ramp	External call adhesion identification
Maintenance the reduction carrier	Car arrival bell
Open the door in advance	Automatic at leveling * optional
Duplex/Group control function * optional	Open door hold button * optional
Creep starting new	Auxiliary monitoring of balance coefficient new
One – key sorting of floor display new	
Security Function	
LWS-Overload Protection	Machinery Overheat Protection
DTO-Door Time Protection Open	Car door closing protection
DTC-Doo Time Protection Close	Door closing torque protection
Light Curtain Protection	Fault self-Diagnosis
Grid filter monitoring	Speed Detection
Brake Feedback & Detection	Contactors feedback detection function
Door lock short connection detection new	Door bypass device new
UCMP new	NTSD-End Protection new
Brake torque detection new	
Interface	
Direction pilot light outside the hall inside the car	16 Digital display * optional
LCD display * optional	BND display * optional
Car arrival gong * optional	

Emergency	
Emergency electric operation of the machine room	Emergency lighting in car
ALARB-Alarm bell	Internal communication
Fire display	Emergency firefighting operation
EFO-Emergency Fireman Operation * optional	EPO-Emergency Power Operation * optional
ARED-Automatic rescue device * optional	Integrated ARD function * optional
Integrated HSD function * optional	Self-leveling operation new
Leveling digging up new	
Energy Saving	
FLP-Fan and light protection	Lighting fan power saving mode
Stop switch: i.e. parking switch	Fan speed adjustable new
Special Operation	
ATT-Attendants Service	Reminding for attendant
Attendant bypass * optional	Lower selective collective * optional
Auto park	ANS-Anti-Nuisance car call protection * optional
Anti-crime protection * optional	Password Floor Service * optional
Intelligent IC card system * optional	Earthquake operation * optional
Restaurant waiting * optional	Over station warning * optional
Time setting * optional	Voice broadcast module * optional
Voice calm * optional	Air Condition * optional
Maintenance interference-free * optional	Independent service
VIP private service * optional	Overload reservation call order * optional
Optimization of door keeping * optional	Reset rescue function
Elevator dispatching pre-warning * new optional	Overload reservation call order * new optional
Waterproof detection contact * new optional	Rush hour service * new optional
Destination floor park prompt * new optional	Mainboard dynamic password * new optional
Over current pre-detection new	
Monitoring	
BA-Building monitor ports * optional	Building monitoring serial communication interface * optional
Residential area monitoring system * optional	REM * optional
BA interface board * optional	

SJ-Victor MRL Configuration

系统名称 ITEM	部件名称 NAME	品牌 BRAND	产地 ORIGIN
I 控制系统 CONTROL SYSTEM	控制柜 SC1002	速捷电梯	成都
	SC1002 CONTROLLER	SURAPID	CHENGDU
	微机系统控制板	杭州优迈	杭州
	CONTROL BOARD	HANGZHOU OPTIMAX	HANGZHOU
	驱动器/变频器	杭州优迈	杭州
	TRANSDUCER	HANGZHOU OPTIMAX	HANGZHOU
	照明回路断路器	广发电气	北京
	LIGHTING CIRCUIT BREAKER	GAFA electric	BEIJING
	控制回路断路器	正泰电气	上海
	CONTROL CIRCUIT BREAKER	CHINT electric	SHANGHAI
	安全回路断路器	正泰电气	上海
	SAFETY CIRCUIT BREAKER	CHINT electric	SHANGHAI
	制动器断路器	正泰电气	上海
	BRAKE REAKER	CHINT electric	SHANGHAI
	主接触器	富士/士林	常熟/台湾
	MAIN CONTACTOR	FUJI/SHIHLIN	CHANGSHU/TAIWAN
	抱闸继电器	富士/士林	常熟/台湾
	BRAKE RELAY	FUJI/SHIHLIN	CHANGSHU/TAIWAN
	轿厢照明控制继电器	霍尼韦尔	中国
	CAR LIGHT RELAY	HONEYWELL	CHINA
	检修继电器	霍尼韦尔/PIB 集成	中国
	INSPECTION RELAY	HONEYWELL/PIB integration	CHINA
	无齿轮曳引机	速捷电梯/西子富沃德	杭州
	GEARLESS DRIVING MACHING	SURAPID/XIZI FORWARD	HANGZHOU

II 曳引机 DRIVING MACHINE	正余弦编码器（2048 刻线）	海德汉	德国
	SINCOS ENCODER(2048LINES)	HEIDENHAIN GROUP	GERMANY
	制动器装置（上行超速保护）	西子富沃德	杭州
	BRAKE	XIZI FORWARD	HANGZHOU
III 门机系统 DOOR OPERATOR SYSTEM	Jarless-con 永磁变频门机	速捷电梯/杭州优迈/天津西子联合	成都/杭州/天津
	DOOR OPERATOR	SURAPID/HANGZHOU OPTIMAX/TIANJIN XIZI UHC	CHENGDU/HANGZHOU/TIANJIN
	永磁同步电机	西子富沃德	杭州
	PERMASYN MOTOR	XIZI FORWARD	HANGZHOU
	门控制器	杭州优迈	杭州
	DOOR OPERATOR CONTROLLER	HANGZHOU OPTIMAX	HANGZHOU
IV 主要控制与安全部件 MAIN CONTROL & SAFETY PARTS	缓冲器	杭州沪宁/大连李尔	杭州/大连
	BUFFERS	HANGZHOU HUNING/DALIAN LIER	HANGZHOU /DALIAN
	安全钳	沪宁/河北东方/西子富沃德	杭州/廊坊/成都
	SAFETY GEAR	HUNING/DONGFANG/FORWARD/SURAPID	ZHENGJIANG/HEBEI/CHENGDU
	限速器	申菱/奥德普/河北东方/西子富沃德	宁波/廊坊/杭州
	GOVERNOR	SHENLING/AODEPU/DONGFANG/FORWARD	NINGBO/LANGFANG/HANGZHOU
	厅门锁/轿门锁	速捷电梯/杭州优迈	成都/杭州
	HALL / CAR DOOR LOCK	SURAPID/HANGZHOU OPTIMAX	CHENGDU/HANGZHOU
	光幕	微科/赛福特	宁波
	INFRARED CURTAIN	WECO/SFT	NINGBO
	轿厢意外移动保护装置	速捷电梯	成都

	UCMP	SURAPID	CHENGDU
V 分散控制系 统 DISPERSE CONTROLSY STEM	轿厢操纵器	速捷电梯/杭州优迈/天津西 子联合	成都/杭州/天津
	CAR OPERATION PANEL	SURAPID/HANGZHOU OPTIMAX/TIANJIN XIZI UHC	CHENGDU/HANGZHOU/T IANJIN
	厅外召唤盒	速捷电梯/杭州优迈/天津西 子联合	成都/杭州/天津
	HALL CALLING BOX	SURAPID/HANGZHOU OPTIMAX/TIANJIN XIZI UHC	CHENGDU/HANGZHOU/T IANJIN
VI 轿厢与大厅 CAR&HALL	轿厢	速捷电梯	成都
	CAR	SURAPID	CHENGDU
	厅门及门套	速捷电梯/杭州优迈/天津西 子联合	成都/杭州/天津
	HALL DOOR AND JAMB	SURAPID/HANGZHOU OPTIMAX/TIANJIN XIZI UHC	CHENGDU/HANGZHOU/T IANJIN
	称重传感器	欧姆龙/霍尼韦尔	日本/美国/中国
	LOAD WEIGHING SEITCHES	OMRON /HONEYWELL	JAPAN/AMERICA/CHINA
VII 井道部件 WELL PARYS	随行电缆	上海长顺/临安森源	上海/重庆/杭州
	TRAVELING CABLE	CHANGSHUN/LASENYUAN	SHANGH/CHONGQING/H ANGZHOU
	曳引钢丝绳	赛福天/狼山/欣源/神王	无锡/南通/杭州/江 苏
	TARCTIVE ROPE	SAFETY/LANGSHAN/XINYUAN/SHE NWANG	WUXI/NANTONG/HANGZ HOU /JIANGSU
	限速器钢丝绳	赛福天/狼山/欣源/神王	无锡/南通/杭州/江 苏
	GOVERNOR ROPE	SAFETY/LANGSHAN/XINYUAN/SHE NWANG	WUXI/NANTONG/HANGZ HOU /JIANGSU
	导轨	蒙特费罗/东豪/赛维拉/马拉 兹	成都/杭州/天津/江 苏

	RAIL	MONTEFERRO/DONGHAO/SAVERA /MARAZZI	CHENGDU/ZHEJ/TIANJIN /JIANGSU
	导轨	保利/盛通/延伸	杭州/张家港
	RAIL	BAOLI/SHENGTONG/YANSHEN	HANGZHOU/ZHANGJIAG ANG
	导靴	杭州富奥/宁波申菱/河北东方	杭州/宁波/廊坊
	GUIDE SHOES	FUAO/SHENLING/DONGFANG	HANGZHOU /NINGBO/LANGFANG
	平层开关	CEDES/欧姆龙/威顿/求彤/赛福特	瑞士/日本/中国
	LEVEL SENSOR	CEDES/Omron/WETON/QIUTONG/SFT	SWITZERLAND/JAPAN/CHINA

For more information:

info@surapidelevator.com

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