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 上海三菱电梯
SHANGHAI MITSUBISHI ELEVATOR

A Perfect Integration:
Advanced Technologies and Energy Saving
Art and Wisdom

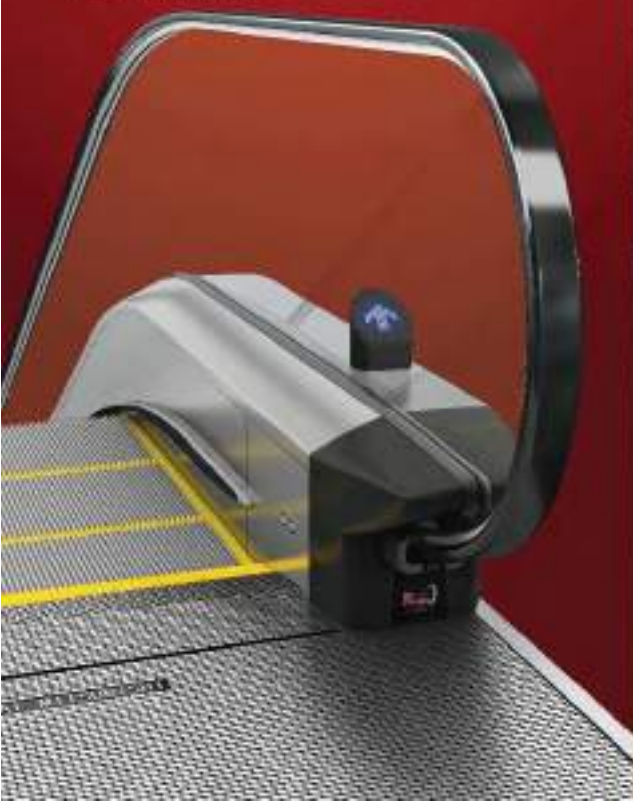
Series K

Escalator

Series K | Escalator

Excellent Quality Supported
by Technological Advantages

Shanghai Mitsubishi Elevator (SMEC) has elite employees and world-class manufacturing equipment, processing accomplished manufacture system and abundant experience, inheriting consistent technical advantages from Mitsubishi Elevator and keep pursuit of human comfortable needs, SMEC creates humanized high-tech product. The smooth, comfortable and highly efficient K series escalator developed by SMEC gives users comfortable, stable, safety riding feeling. Meeting different requirements of use conditions, K series escalator can be applicable to various locations like malls, business buildings, hotels and etc...



A Perfect Integration
Advanced Technologies and Energy Saving
Art and Wisdom
The Escalator - The Series K

Energy Efficient, Space Saving P. 4
Excellent Processing, Excellent Quality P. 5
Safety System - Humanized and Reliable P. 7
Advanced Traction - Superior Efficiency P. 10

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General

Design

Functions

Civil

Specifications

Exquisite Processing, Excellent Quality

Large Special Jig

Equipped with large special jig, accurate and stability of the processing system are assured, and auto workload from re-assembly and adjustment is avoided.

High efficient motor

Adopt highly efficient motor in accord with GB18613-2012 and IEC60321C, achieving International Energy Efficiency Grade IE3, which has smaller size and higher efficiency up to 92% take 134W as an example. Embedded temperature switch is provided for overload protection as a standard specification.

Disc Brake

The disc brake adopted make the structure compact and the braking smooth.

Quiet Turning and Meshing



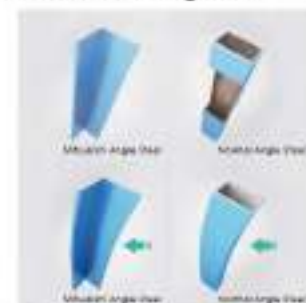
The drive chain wheel is closely meshed with the stop roller wheel of high polymer composite material, which avoids rigid-body resonance noise of the chain wheel and the stop shaft. The turning and meshing of these two gears are smooth.

Integral Design

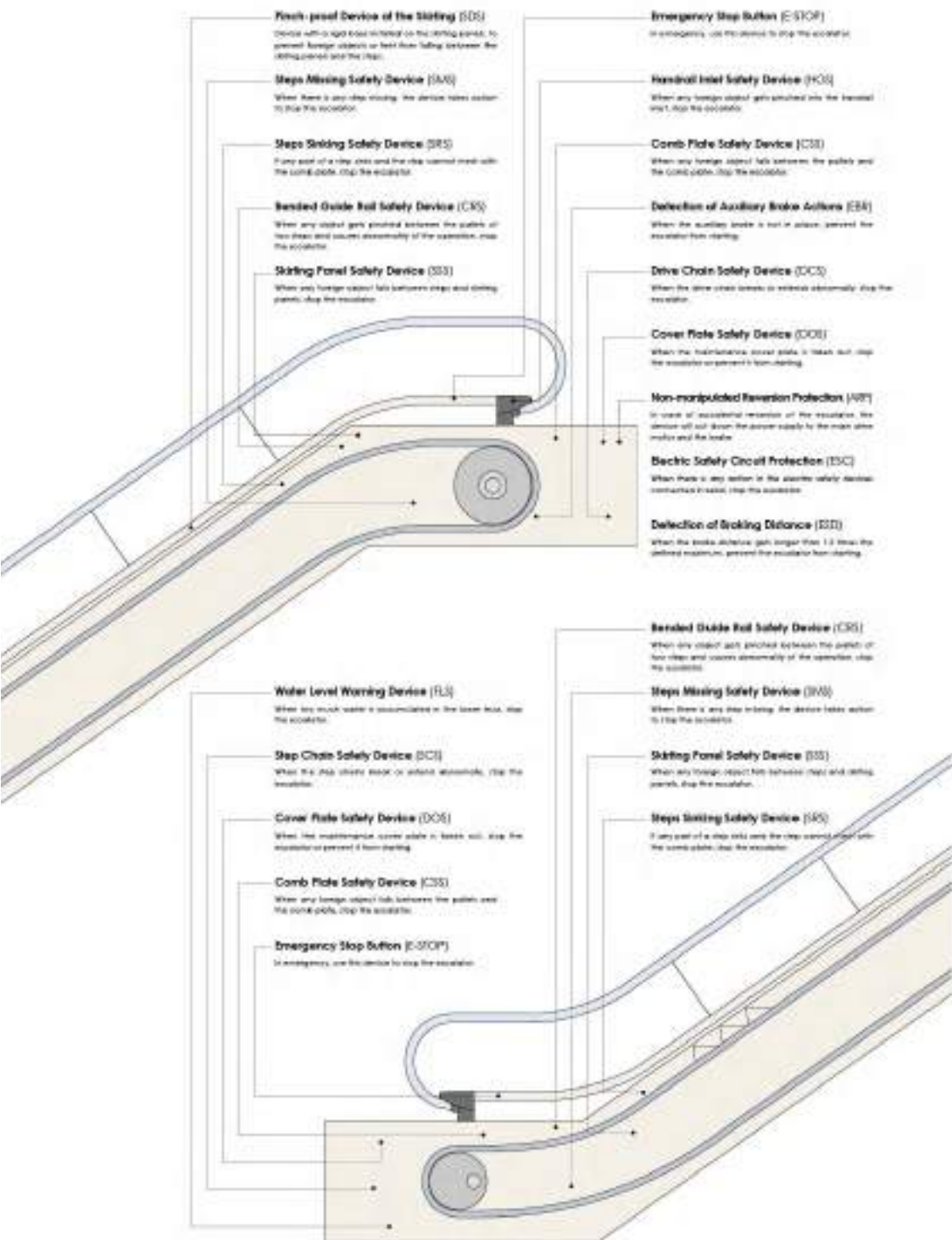


The upper and lower rollers and the chain guide roller are designed as one piece, stop to avoid movement of the rollers, more compact design to form the guide rail and the tensioner at the turning section, and reduce the vibration of chain in operation.

Truss Built with Angle Steel



We use the steel angles which make the truss better in rust protection and more durable. If we use angle steel with exchange steel plate in some of the same position, the thickness of steel angles are smaller than that of exchange steel plate and thus the steel angles are less likely to deform.



Pool Type Passenger Defection Device



Mount deflection pool of upper and lower entrance of escalator, and inescapable in case of operation indicates an defection pool to stop escalator according to the change of passenger flow. It has a distance to meet with the level of the maximum passenger volume for the step.

Built-in Passenger Defection Device



The device is built into the inner side and the front of the top of the upper and lower steps and cables, and forms a large area of detection detector, which could detect the space of the passenger according to the amount of passenger load and save energy.

K type escalator has provided multiple safety devices. Besides the standard safety device listed in accordance with GB16899-2011, it can additionally provide other safety devices according to client's needs as an option for further safety performance.

Security System - Humanistic and Reliable

Anti-creeping Device (Optional)



If there is a slip of passenger falling from the escalator, anti-creeping device could be installed onto the external cover plate so that nobody could climb onto the handrail.

Entry Prevention Device



If there are cases of entry accident falling from within, please use the entry prevention device. (To be installed by the customer.)

Anti-skid Device



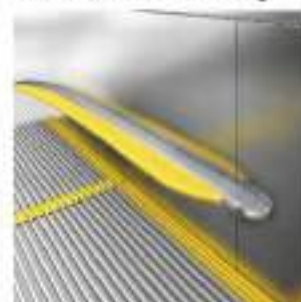
If there is the risk of falling of passenger or object, please use the anti-skid device. (To be installed by the customer.)

Handrail Inlet



As a Mitsubishi tradition, the handrail inlet is designed to be robust, which reduces the risk of pinch by design. Long and cut protection covers are applied to the handrail inlet, which achieves our purpose of multiple layers of protection.

Pinch-Proof Device of the Skirting



The block ensures that the passenger will not move too close to the edge of step to pinch their feet or accidentally placing their feet between the steps and the skirting panels.

Perpendicular protection barrier (by client)



When and revised the passenger walking from head and foot, which is a perfect.



Control Panel LED Operation Faceplate



Configure parameter, check operation status and alarm status via operation/faceplate installed in control panel. No LED indicator installation.

Control panel LCD operation panel (Option)



Configure parameter, check operation status and alarm status via operation faceplate installed in control panel. No LCD screen to be installed.

Multi-function operation panel (Option)



Provide operation panel with HD (High Resolution Display) screen. Anti-glare anti-scratch, functions clear and visible. It will be good display even in the case of large temperature range, great sunlight.

Advanced technique Supreme Experience

Bypass Frequency Conversion — Energy Saving

When the escalator operates with the nominal speed, cut out the frequency converter automatically and shift to the power grid which could increase the lifespan of the converter significantly. In case of any unavoidable error with the converter, switch to the power frequency grid manually, and the operations of the escalator will not be blocked. In case of no load, the escalator will automatically switch to low velocity standby or stop standby. Regenerative power from descending would be fed into the grid, which is energy saving and environment friendly.

Phase lock switch technique—Comfort

Special frequency converter independently developed by Mitsubishi has the feature of miniaturized design and compact size. Advanced "Active Phase Synchronization, Phase Lock Switch Technique", realize smooth change between variable frequency to work frequency.

Function Safety Technology—Safety

Pass the safety verification held by National Special Equipment Authority, and it is listed as the first in the nation posing certification of escalator function safety component FESSRAE held by European authorized German TÜV (the world). Adopt double channel redundant inspection to ensure the safety function is reliable and effective.

Inspection System of Main Spindle Absolute Position

Traditional technique indirectly inspect escalator speed and operation direction via proximity switch mounted on high speed spindle (motor/reduction gear) so as to determine speeding/non-operational reversal. However, in case drive chain breaks or machine has abnormal displacement, the traditional technique is powerless.

Based on encoding of absolute position, the escalator state inspection technique reads the code value of absolute position code plate mounted on main spindle via absolute position sensor so that precisely acquire current escalator speed and direction.





Internal Side Plate

Standard: Rectangular glass side plates, with the glass perpendicular to the direction the side plate is designed to function.

Optional: Parallel-groove glass side plates, with the joint seams between glass plates perpendicular to the horizontal plane. Bronze, Grey, Blue.

Internal Cover Plate

Polished Stainless Steel

External Cover Plate

Polished Stainless Steel

Handrail

Polished

Skirt Panel

Polished Stainless Steel

Comb

Polished Steel

Internal and External Cover Plates



Polished Stainless Steel

Fine Struck Stainless Steel

Sand Struck Stainless Steel

More options for individualized and even more creative escalators.

Individualized Decoration – Your Unique Decoration Solution

Handrail



NI-Black (Standard)



NI-Red (Optional)



NI-Gold (Optional)



NI-Blue (Optional)



NI-Gray (Optional)



NI-Chocolate (Optional)



NI-Brown (Optional)



NI-Green (Optional)

Skirt Panel



Polished Stainless Steel



Stainless Steel with Fluorine Coating



Yellow Flare

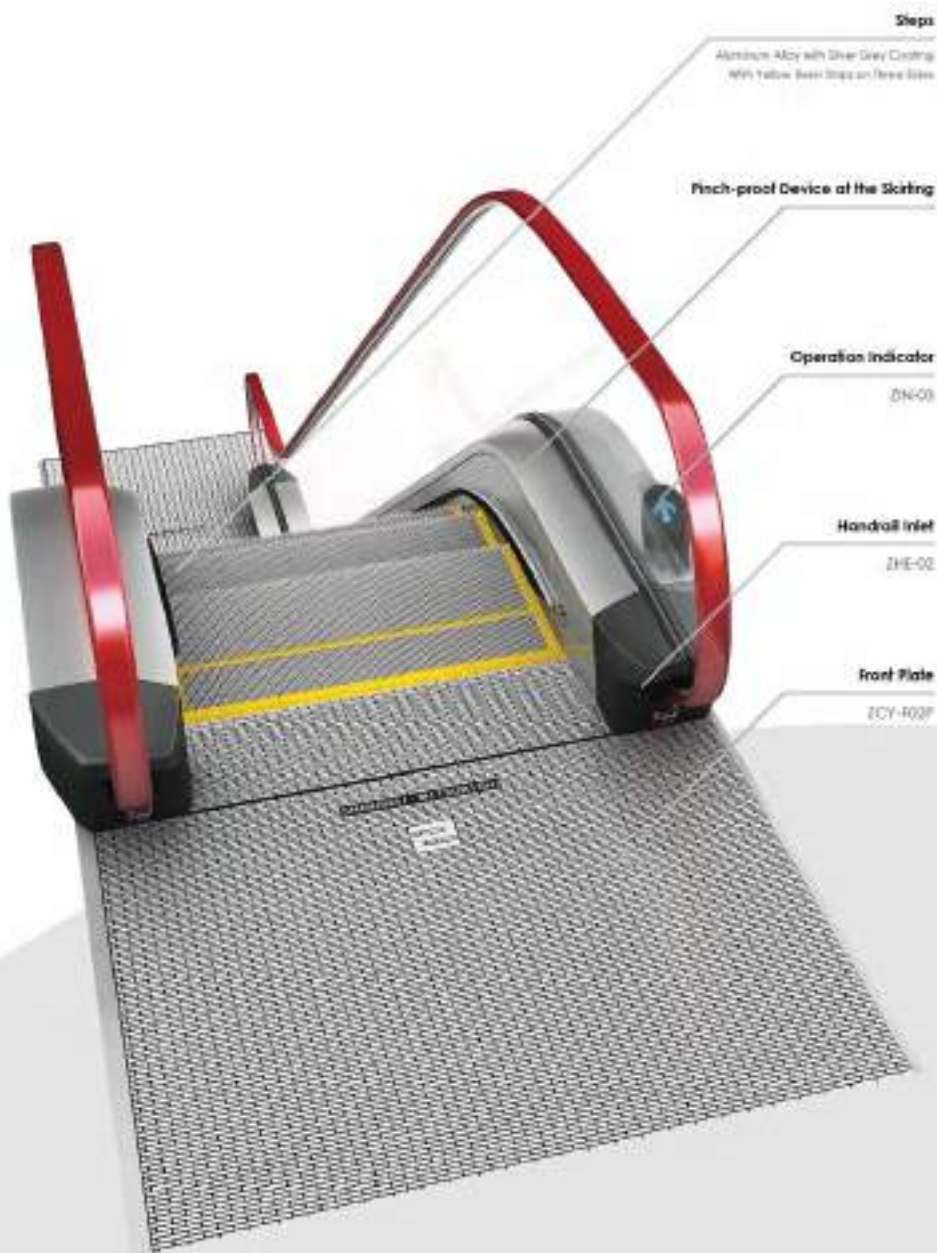


Silver Aluminum Alloy

Comb

* The specifications stated may show slope of the hand from the actual view. Please contact the Shanghai Escalator System Co., Ltd. for details.

Options of decorative painting may slightly differ from the actual. ... 14



Steps

Aluminum Alloy with Silver Gray Coating
With Yellow Safety Strips on Riser Sides

Finch-proof Device of the Skirting

Operation Indicator

DN-03

Handrail Inlet

ZHE-02

Front Plate

ZCY-103P

Finch-proof Device of the Skirting



Silver laser with yellow steel



Black laser with yellow steel
Left side: 40x40mm; Right side: 40x50mm



Silver laser with silver steel



Black laser with silver steel
Left side: 40x40mm; Right side: 40x50mm

Operation Indicator



ZN-01



ZN-02



ZN-01

Only for indoor



Operations indicator of the handrail
(Color for DN-01)

Handrail Inlet



ZHE-01

Black zinc-nickel coating
Application for outdoor use,
only applicable for DN-01/02



ZHE-02

Black zinc-nickel coating
Depth for DN-01/02, only applicable
for indoor use



ZHE-02A

Black zinc-aluminum alloy
Application for DN-01/02
Application for DN-01/02 other than DN-01/02
Please contact Shanghai Zhongde Elevator Co.
for details



ZHE-02A

Black zinc-aluminum alloy
Color No. 24-020
Application for DN-01/02 other than DN-01/02

Front Plate



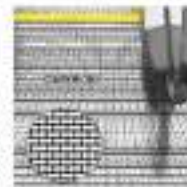
ZCY-103P

Stainless steel with anti-static groove and
black coating (Color No. 23-021)



ZCY-103P

Stainless steel with anti-static groove and
black coating (Color No. 23-021)



ZCY-103P

Stainless steel with anti-static groove and
black coating (Color No. 23-021)



ZCY-104P

Stainless steel with anti-static groove and
black coating (Color No. 23-021)

Steps



Aluminum Alloy Steps
No yellow steel strip on riser side
(Color No. 23-021)



Aluminum Alloy Steps
No yellow steel strip on riser side
(Color No. 23-021)



Aluminum Alloy Steps
With yellow steel strip on riser side,
black gray coating
(Color No. 23-021)



Aluminum Alloy Steps
With yellow steel strip on riser side,
black gray coating
(Color No. 23-021)



Stainless Steel Steps (Only for indoor)
With yellow steel strip on riser side,
black coating (Color No. 23-021)

* The specifications and appearance may vary slightly at the last time. Please contact the Shanghai Zhongde Elevator Co., Ltd. for details.

Colors of composite painting may slightly differ from the actual. 14



▼ Plan 1

External decoration deck seam perpendicular to step operation direction

Reference type:

(Glass interior plate) In case of IS-SWAS-SM/IS-LM/IS-LF

External decoration material:

Coated steel plate (color number is decided according to SWEC decoration color plate)

Horizontal titanium stainless steel (color number is decided according to SWEC decoration color plate)

Horizontal stainless steel

External Decoration Deck



Plan 1-1

External decoration deck seam perpendicular to step operation direction



Plan 1-2

External decoration deck seam perpendicular to step operation direction



Plan 1-3

External decoration deck seam perpendicular to step operation direction



Plan 2

External decoration plate perpendicular to horizontal plane

Extrusion type:

(Glass interlock plate) in case of KS-25/VS-22/VS-18/VS-12P

External decoration material:

Coated steel plate (color number is decided according to SMEC decoration color plate)

Hotline Titanium stainless steel (color number is decided according to SMEC decoration color plate)

Hotline stainless steel

Plan 3

External decoration plate perpendicular to step operation direction

Extrusion type:

(stainless steel interlock plate) in case of KP-5/TP-8P

External decoration material:

Coated steel plate (color number is decided according to SMEC decoration color plate)

Hotline Titanium stainless steel (color number is decided according to SMEC decoration color plate)

Hotline stainless steel

External Decoration Deck



Plan 1-1

Hotline Titanium stainless steel (color number is decided according to SMEC decoration color plate)



Plan 1-2

Hotline Titanium stainless steel (color number is decided according to SMEC decoration color plate)



Plan 1-3

Hotline Titanium stainless steel (color number is decided according to SMEC decoration color plate)



Plan 2-1

Hotline Titanium stainless steel (color number is decided according to SMEC decoration color plate)



Plan 2-2

Hotline Titanium stainless steel (color number is decided according to SMEC decoration color plate)



Plan 2-3

Hotline Titanium stainless steel (color number is decided according to SMEC decoration color plate)



Handrail Illumination

Wide LED

Skirting Illumination

Successive Wide LED

Comb Illumination

Wide LED

The Series K escalator uses LED illumination to all systems, including handrail, skirting, comb, and below steps. The all-LED solution improves the environmental conditions, saves energy, and is safe and reliable. The light below stairs is green, and colors can be selected for all other illumination systems.

All-LED Illumination

Handrail Illumination



Only for E3-U/E3-UB, and colors can be selected.

Skirting Illumination



Successive type, and colors can be selected.



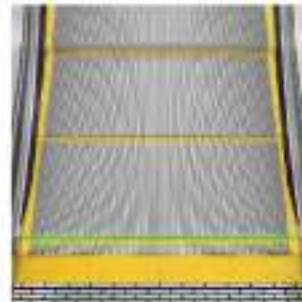
Dot type, and colors can be selected.

Comb Illumination



Colors can be selected.

Below Steps Illumination



Green.

Illumination Colors

Standard Options:



Non-standard Options:
(Please contact Shanghai Mitsubishi Elevator Co., Ltd.)



*The specifications are subject to change without notice. Please contact the Shanghai Mitsubishi Elevator Co., Ltd. in advance.



Features

Series K

Feature	Description	Code	Standard	Optional
Control and Security Features				
Phase Dislocation/Phase Loss Protection	In case of phase dislocation or phase loss of the input power supply, cut the main circuit and control the circuit to stop the escalator.	≠	⊗	⊗
Nonintegrated Reversion Protector	In case of accidental reversion of the escalator, the device will cut down the power supply to the main drive motor and the brake.	ARF	⊗	⊗
Auxiliary Brake	When the escalator reaches 1.4 times of the rated speed or is not operating in the required direction, the auxiliary brake stops the escalator.	ALO-SE ¹⁾	⊗	⊗
Auxiliary Brake	When the escalator reaches 1.4 times of the rated speed or is not operating in the required direction, the auxiliary brake stops the escalator.	ALO-SE ¹⁾	⊗	⊗
Detection of Service Brake Action	Stop the escalator when the service brake cannot release or brake normally.	SR	⊗	⊗
Service Brake	The service brake takes action to stop the escalator, and keep it stopped.	BRK	⊗	⊗
Banded Guide rail Safety Device	When any object gets pinched between the pallets of two steps and causes abnormality of the operation, stop the escalator.	CRS	⊗	⊗
Comb Plate Safety Device	When any foreign object falls between the pallets and the comb plate, stop the escalator.	CS	⊗	⊗
Detection of Contactor Action	In case of any abnormality with the contactor, stop the escalator.	CIO	⊗	⊗
Drive Chain Safety Device	When the drive chain breaks or extends abnormally, stop the escalator.	DCS	⊗	⊗
Cover Plate Safety Device	When the maintenance cover plate is taken out, stop the escalator or prevent it from starting.	DCG	⊗	⊗
Emergency Stop Button	In emergency, use this device to stop the escalator.	E-STOP	⊗	⊗
Detection of Auxiliary Brake Action (When the rise is above 4m)	When the auxiliary brake is not in place, prevent the escalator from starting.	EM ¹⁾	⊗	⊗
Electric Safety Circuit Protection	When there is any action in the electric safety devices connected in serial, stop the escalator.	ESC	⊗	⊗
Detection of Braking Distance	When the brake distance gets longer than 1.2 times the defined maximum, prevent the escalator from starting.	ED	⊗	⊗
Water Level Warning Device	When too much water is accumulated in the lower truss, stop the escalator.	FL ¹⁾	⊗	⊗
Handrail Anti-static Device	The device prevents static from occurring on the handrail.	HER	⊗	⊗
Over-speed	Stop the escalator before the operational velocity grows above 1.2 times the nominal velocity.	HGD1	⊗	⊗
Over-speed Limitation Device	Stop the escalator before the operational velocity grows above 1.4 times the nominal velocity (when the rise is above 4m)	HGD2	⊗	⊗
Handrail Inlet Safety Device	When any foreign object gets pinched into the handrail inlet, stop the escalator.	HJI	⊗	⊗
Handrail velocity inspection	When the velocity of the handrail is below the rated value, and the condition lasts for a period of time, stop the escalator.	HVS	⊗	⊗
Under-voltage Protection	When the voltage of the frequency converter is too low, stop the escalator.	UVF	—	⊗
Over-current Protection	When the electric current of the frequency converter is too strong, stop the escalator.	OCP	—	⊗
Motor Overload Protection	When the motor is overloaded, stop the escalator.	OCR	⊗	⊗
Oil Level Warning	When the oil level in the oil feeding device is too low, prevent the escalator from starting.	OLF	⊗	⊗
Over-temperature Protection	When the voltage of the frequency converter is too high, stop the escalator.	OP	⊗	⊗
Over-voltage Protection	Stop escalator when over temperature of motor is detected.	OVP	—	⊗
Detection of Power Phase	Automatically inspect the power phase and frequency, and switch to bypass frequency converter in a shock-free manner. Realize self-adaptation control of power factor with the full frequency converter.	PL	—	⊗
Free of the Passenger Detection Device	Self-diagnosis of error with the passenger detection device. In case of any error, cancel the standby mode.	PSD	—	⊗

Feature	Description	Code	Standard	Optional
Control and Security Features				
Step Chain Safety Device	When the step chains break or extend abnormally, stop the escalator.	SCS	☐	☑
Pinch-proof Device of the Skirting	Device with a rigid blade installed on the skirting panels, to prevent foreign objects or feet from falling between the skirting panels and the steps.	SDS	☐	☑
Step Anti-static Device	The device prevents static from occurring on the steps.	SEF	☐	☑
Step Missing Safety Device	When there is any step missing, the device takes action to stop the escalator.	SMS	☑	☑
Steps Linking Safety Device	If any part of a step slips and the step control mesh with the comb picks, stop the escalator.	SPL	☑	☑
Skirting Panel Safety Device	When any foreign object falls between steps and skirting panels, stop the escalator.	SSP	☐	☐
Monitoring Conversion of the Starting Switch	In case of cohesion of the starting switch, prevent the escalator from starting.	SMS	☐	☑
Overheating Protection of Frequency Converter	When the frequency converter is overheated, stop the escalator.	T16F	—	☑
Low Velocity Protection	When the velocity of the escalator is below the rated velocity, stop the escalator.	LS*	☑	☑
Emergency Operations				
Fire Stop	When a signal of fire-fighting action is received, stop the escalator.	FS	☐	☐
Operation and Service Functions				
Control panel LED operation panel	Configure maintenance parameters, check operation states and error codes via operation panel installed in control panel, use LED tube for display.	CPS-LED**	☐	☐
Control panel LCD operation panel	Configure maintenance parameters, check operation states and error codes via operation panel installed in control panel, use LCD tube for display.	CPS-LCD**	☐	☐
Repair	The escalator can be set to the operation under repair mode, to make the installation and commissioning convenient.	RAMD	☑	☑
Manually Shut Down Illumination	Open or shut down illumination manually with the switch. (When auxiliary illumination below steps and/or of the handrail is equipped)	LD-M**	☑	☑
Automatic Operation	Through the usage of passenger detection devices, the escalator could operate with the nominal speed when there is any passenger, and shift to standby in case of no load.	MOA	—	☑
Operation with Constant Velocity	The escalator keeps at the nominal velocity.	MCC	☑	—
Multifunction operation panel	Run escalator, configure parameter, check operation states and error codes via display panel mounted at entrance of escalator.	MCP	☐	☐
Automatic Oil Feeding	Add lubricating oil to the chains of the escalator at predetermined time automatically.	OL	☑	☑
Passenger Detection Device: Microwave but not the Column Pattern	Adapt microwave sensors for the passenger detection device.	FSM**	—	☐
Passenger Detection Device: Column Pattern	Adapt the photoelectric column for the passenger detection device.	PSP**	—	☐
Low Velocity Standby	The escalator operates below the nominal velocity in the condition of no load.	SLSS**	—	☐
Stop Standby	The escalator stops in the condition of no load.	SESP**	—	☐
Direct Start-up	Supply power with direct drive with scale at both starting and operation of the escalator, and the frequency converter serves merely as a backup.	SDI	☑	—
Restart start	Manually set escalator to direct drive by municipal power grid in case frequency converter is error	DSK	—	☑
Optical Direction of Operation	The direction of escalator operation could be reversed.	UDA	☐	☑
Hybrid Frequency Converter	Supply power with frequency converter at starting, stop, and low velocity standby, and shift to direct drive with scale during operations with rated velocity.	VHF	—	☑

Feature	Description	Code	Standard	Optional
Operation and Service Functions				
Heating Device	Monitor the escalator with temperature sensors in a real-time manner. When the temperature in the escalator is lower than the rated value, prevent the escalator from starting. The device can automatically start or stop heating as per the actual temperature.	HEAT**	☐	☐
Information and Display				
Voice Announce Device	Voice announce device (Chinese) informs the passengers of related elevator information.	AAN-SD1**	☐	☐
Voice Announce Device	Voice announce device (Chinese and English in turn) informs the passengers of related elevator information.	AAN-SD2**	☐	☐
Voice Announce Device	Voice announce device (English) informs the passengers of related elevator information.	AAN-SD3**	☐	☐
Displaying Safety Device Codes	Carry out one-on-one inspection on safety devices, and display response error codes if there is any error.	ASD	☐	☑
I/O Interface	Use passive dry contact to output signals indicating basic status of the escalator.	SA	☐	☐
Buzzer	Remind the passengers of escalator starting, error, reversion, and etc.	BLZ	☐	☐
Operational Direction Indication	Indicate the passengers the operational direction, stop, no entry, or other conditions of the escalator.	DI**	☐	☑
Theft-proof Buzzer for Inspection Cover	In case inspection cover opens accidentally, the buzzer shall keep ringing for alarm.	DGA	☐	☑
Reminder of the Protection Stop	When the escalator stops for the protection reasons, release the signal of the protection stop.	IC-CP	☐	☐
Handrail Illumination	Illumination of the lower edge of the handrail.	L-BAL**1)	☐	☑
Illumination Below Steps	Illumination of the inlet and outlet of the staircase, highlighting the edge of the staircase.	L-SP*	☐	☑
LED Lighting	Use LED as lighting power source.	LED	☐	☑
The Monitoring System	The system monitors the status of the escalator with computers, and gives orders of starting or stop when necessary.	SMCS-E	☐	☐
Skirting Illumination	Illumination on the skirting panels at both sides of the staircase.	L-SD**1)	☐	☑
Comb Illumination	Illumination on the skirting panels at the inlet and outlet of the staircase or poles.	L-COMB**1)	☐	☑

Note:

- *1 Standard component when the rise is above 4 meters.
 *2 Non-standard component when the rise is 4 meters or below.
 *3 Standard component when auxiliary brakes are equipped.
 *4 Standard component only when the escalator is installed outdoor or half outdoor.
 *5 CPS-LED or CPS-LCD (CPS-LED is the recommended option)
 *6 FSM or PSP (PSP is non-standard configuration.)
 *7 SLS or SESP (SESP is recommended indoor option)
 *8 Non-standard only when the escalator is installed outdoor.
 *9 Non-standard.
 *10 Standard for frequency conversion escalators, Non-standard for non-frequency conversion escalator.
 *11 Only for Indoor IS-LS/IS-LB.
 *12 Only for Indoor IS-S/IS-B/IS-L/IS-LB.
 *13 Indoor.
 *14 Non-frequency conversion versions: IS-SR, IS-LB, IS-P4; frequency conversion versions: IS-SR, IS-LB, IS-P4.
 *15 ☐ Standard functions, ☑ optional functions.

Basic Specifications

Item	Specifications			Notes
Interval Width Between Handrails (mm)	1200	1080	900	
Distance Between Center Line of Handrails (mm)	1200	1020	820	
Interval Width of Steps (mm)	1084	904	754	
Maximum Load (Person/foot)	6000	4500	3600	
Model No.	ES-24/ES-18F, ES-18/ES-12F, EP-8/EP-6F			ES-24/ES-18F cannot be applied to outdoor or half-outdoor environment
Drive System	Direct Drive			ES-18, ES-12, EP-6
	VVVF Drive			ES-24, ES-18, EP-8F
Drive Power Supply	300V/50Hz three-phase and five-wire			
Illumination Power Supply	220V/50Hz single phase			
Angle of inclination (Degree)	30, 33			
Velocity (m/s)	0.3			
Cyclist Rise (mm)	1400-1800			When the angle of inclination is 30°
	1400-1600			When the angle of inclination is 33°
Horizontal Movement Distance of Steps (mm)	600			Level 2 steps, Rise is 4000mm
	1000			Level 3 steps, Rise is 4000mm
	1200			Level 3 steps, Rise is 4000mm
Applicable Environment	Indoor			Please contact the Shanghai Mitsubishi Elevator Co., Ltd. to confirm if the escalator could be used indoor
	Outdoor, half-outdoor			Please contact the Shanghai Mitsubishi Elevator Co., Ltd. to confirm if the escalator could be used outdoor and/or half-outdoor

Power Supply Data

Driving Power (three phase AC 380V, 50Hz)

Driving Power Capacity (kVA)	Specifications			Notes
6.3				The motor power capacity is 2.5kW, without handrail
13.4				The motor power capacity is 7.5kW, without handrail
13.2				The motor power capacity is 6kW, without handrail
15.4				The motor power capacity is 11kW, without handrail
18.0				The motor power capacity is 13kW, without handrail
33				Handrail at 30 degrees, Rise is 3000mm
18				Handrail at 30 degrees, 800mm < Rise < 3000mm
14				Handrail at 30 degrees, 500mm < Rise < 800mm
19				Handrail at 30 degrees, 800mm < Rise < 1000mm
18				Handrail at 30 degrees, Rise is 4000mm
18				Handrail at 30 degrees, 800mm < Rise < 4000mm

Illumination Power (single phase AC 220V, 50Hz)

Model No.	ES-18/ES-18F	EP-8/EP-6F	ES-24/ES-18F	
Illumination Power Capacity (kVA)	2.2	2.2	2.2	Rise is 4000mm, with handrail or sliding illumination
	2.4	2.4	2.4	4000mm < Rise < 10000mm, with handrail or sliding illumination
	—	1.5	1.2	No handrail or sliding illumination

Motor Capacity

Interval (overall) Width (mm)	1200	1080	900	
Motor Capacity (kW)	3.3	3.3	3.2	Rise is 4000mm
	7.5	5.5	5.5	4000mm < Rise is 5000mm
	7.8	7.8	3.4	5000mm < Rise is 4000mm
	9	7.5	5.5	4000mm < Rise is 1000mm
	11	9	7.2	1000mm < Rise is 5000mm
	13	11	7.3	5000mm < Rise is 10000mm

Note: If the items do not match with the standards provided here, please contact the Shanghai Mitsubishi Elevator Co., Ltd.

