Special Function of Elevator and Escalator

Added parameters:

Function Code	Name	Description	Setting Range	Factory Setting	Modify
Pd.02	Unit of Accelerate / Decelerate time option	0: Second 1: 0.1 Second	0~1	0	◎
Pd.03	Special function option	0:Normal function 1: Elevator 2: Escalator	0~2	0	◎
Pd.04	High speed operation time	0.1~1000.0s	0.1~1000.0s	0.1s	
Pd.05	Digital signal filter time special for escalator	1~10	1~10	1	
P5.02~P5.11	Terminal input function option	54:Pulse input of escalator	1~55		◎
P1.05	Acceleration / Deceleration mode	0: Linear mode 1: S curve mode 2: S curve for high speed elevator	0~2	0	◎

The debug process of elevator:

1. The precision of Accelerate / Decelerate time can be selected by Pd.02.
2. Pd.03 should be 1 so that PA.34 and PA.35 can be set to be Accelerate / Decelerate time option respectively.
3. Special process for high-speed elevator. It needs setting P1.05 to be 2.

The debug process of escalator:

1. Multi-speed 1 is the frequency setting of normal low-speed operating escalator. The 100% of frequency setting corresponds to the maximum frequency (P0.07).
2. Multi-speed 2 is the frequency setting of high-speed operating escalator.
3. Choose one terminal from P5.02~P5.11 to be pulse detecting port of escalator. If detected the pulse signal, the escalator will operate at high-speed frequency and starts to delay at the last detected pulse signal. When the delay attains high-speed operating time, the escalator will back to operating at low-speed frequency.
4. Pd.05 is the digital signal filter time special for escalator. The infrared detecting filter time of escalator can be set by it, irrelevant to the normal digital signal filter time.