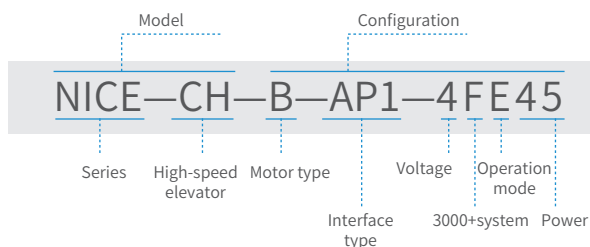


Monarch High-Speed Elevator Control Cabinets

High-Rise Life can be Better



Product code



Control cabinet of high-speed elevators



Single cabinet

Power: 37-90 kW

Dimensions (H×W×D mm): 1974×1403×841



Multi-compartment cabinet

Power: 110-280 kW

Dimensions (H×W×D mm): 1924×2800×600

Advantages and features

■ Energy saving

Four-quadrant, full power range up to 450 kW;

The maximum power in use is 280 kW, for an elevator of 99 floors at 10 m/s with 292 m travel height.

■ Elegant

Transparent Acrylic cover

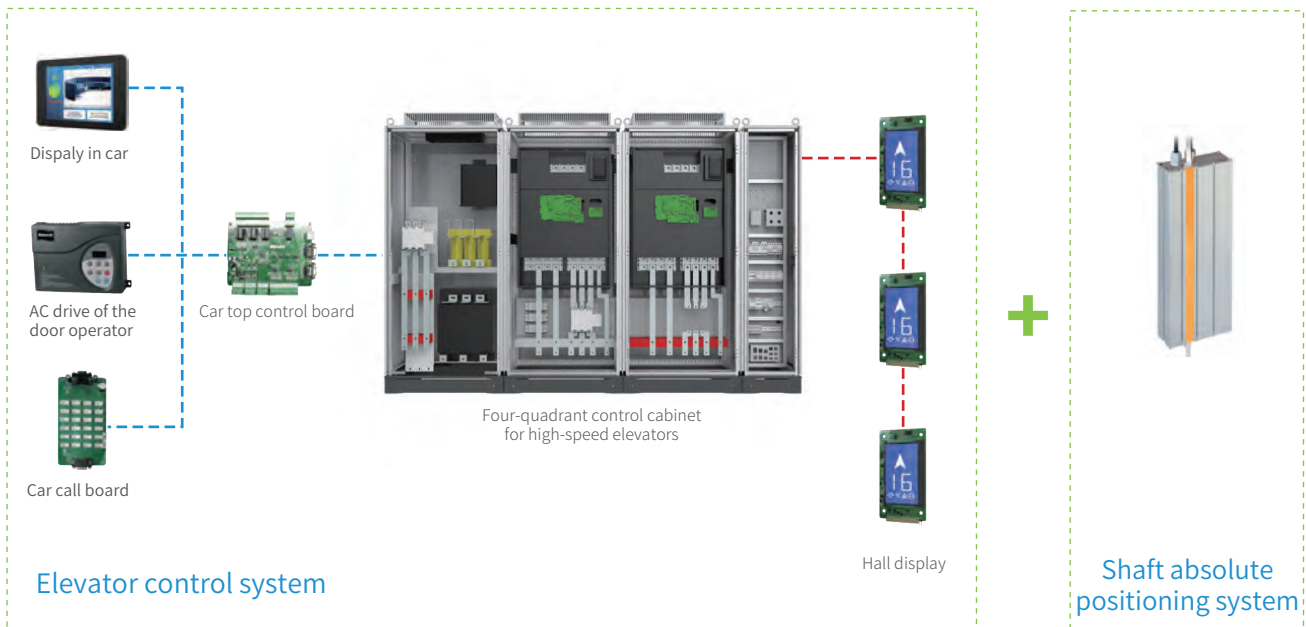
■ Travel reduction

The equipped reduced-travel system reduces pit depth and lowers requirements on the buffer.

■ Stable

The new EMC solution enables strong anti-interference ability and low interference to other devices.

Monarch's high-speed elevator solution

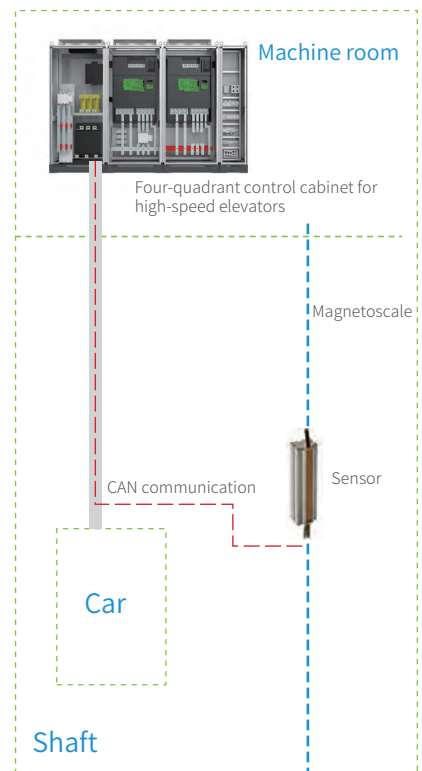


Shaft switches

The shaft only needs a magnetic scale positioning system and no other switches but the final limit switch. Accurate leveling is achieved by the magnetic scale.

Eliminated shaft switches

Item	Leveling plate	Leveling switch	Slow-down switch	Limit switch	Final limit switch	Advance-door-open module	Reduced-stroke module and switch
Equipped	×	×	×	×	√	×	×






Models

Model	Power (kW)	Rated output current (A)
NICE-CH-B-AL4-4FE37	37	75
NICE-CH-B-AL4-4FE45	45	91
NICE-CH-B-AL4-4FE55	55	112
NICE-CH-B-AL4-4FE75	75	150
NICE-CH-B-AL4-4FE90	90	176
NICE-CH-B-AP1-4FE110	110	210
NICE-CH-B-AP1-4FE132	132	253
NICE-CH-B-AP1-4FE160	160	304
NICE-CH-B-AP1-4FE200	200	377
NICE-CH-B-AP1-4FE220	220	426
NICE-CH-B-AP1-4FE250	250	465
NICE-CH-B-AP1-4FE280	280	520

Reference Cases

Elevator test tower
High market share
 For towers of 6 m/s and above,
 65% use Inovance High-speed solutions.

Customer test tower 1 8 m/s
Customer test tower 2 10 m/s
Customer test tower 3 10 m/s





Application cases
of landmark
buildings

3.5 m/s

Jingdu International Square, Qujing, Yunnan

3.5 m/s

Gate to the East, Suzhou

4 m/s

Huanghei Mingzhu Hotel,
Weinan, Shaanxi

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