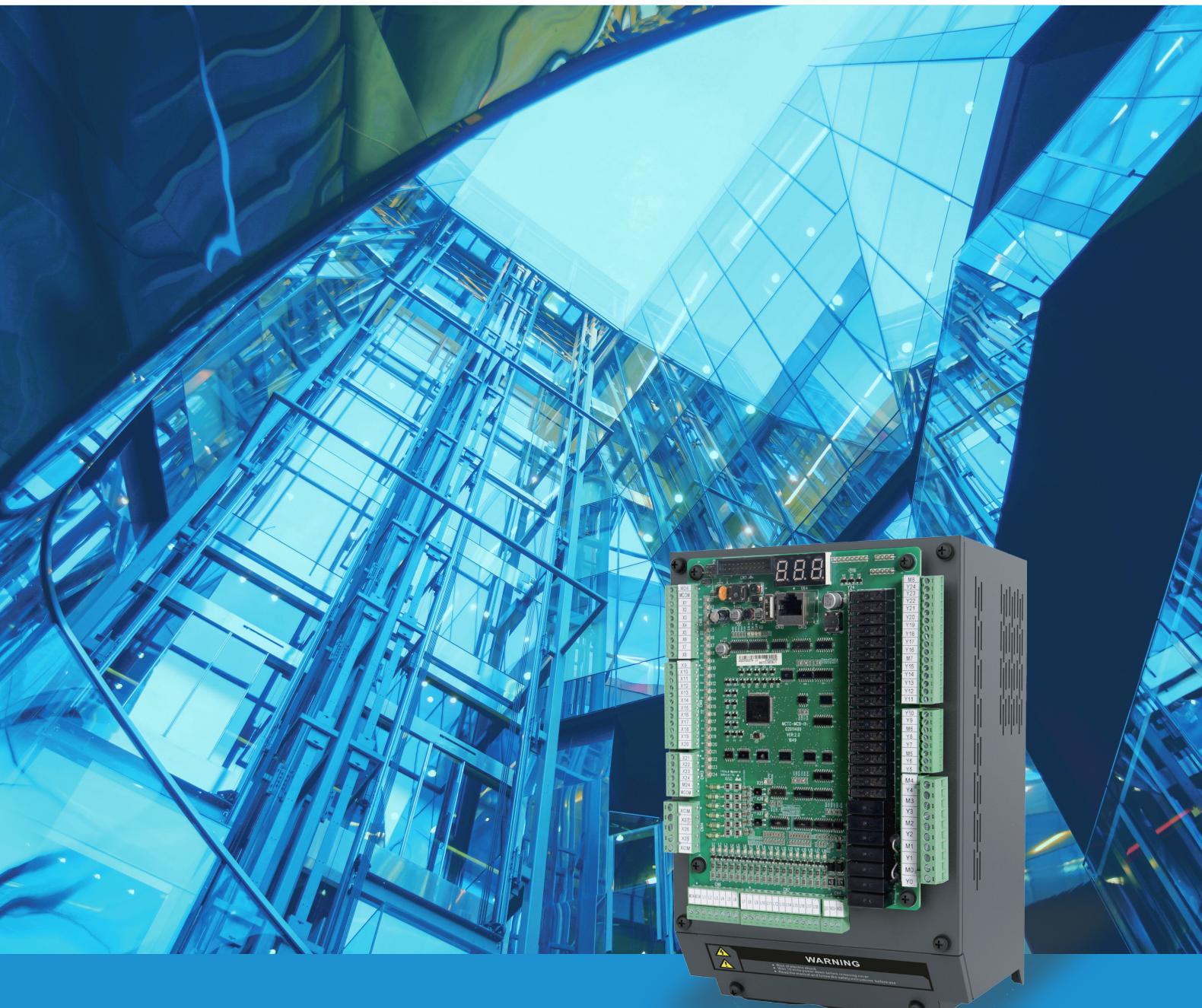


NICE100+ Series

Open loop integrated elevator control solution



Forward, Always Progressing



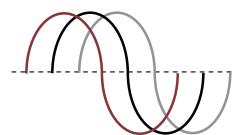
Open loop integrated solution for elevators $\leq 1.00 \text{ m/sec}$

Controller Features

- Supports 6 floor collective, expansion option up to 12 floors
- Selectable door control mode (automatic, manual, semi-automatic)
- Flexible & programmable I/O's
- Robust on-board relay for outputs
- Comprehensive trip diagnostics
- Supports double digit 7 segments, Binary, Grey codes display functions
- Built-in automatic rescue operation feature

Enhanced reliability with conformal coating, protects against humidity and dust pollution

Operation in high ambient temperatures  $45^{\circ}\text{C}_{\text{avg}}$



Wide operating voltage range 323 to 528 Vac

Conventional parallel wiring:
12 floors full collective



6 floors, full collective (standard base unit)



*¹ Apps & *² PC-Tools software offer simplified start up, diagnosis & backup



Double digits 7 segment display



12 floors, full collective with expansion I/O's (MCTC-KZ-D)

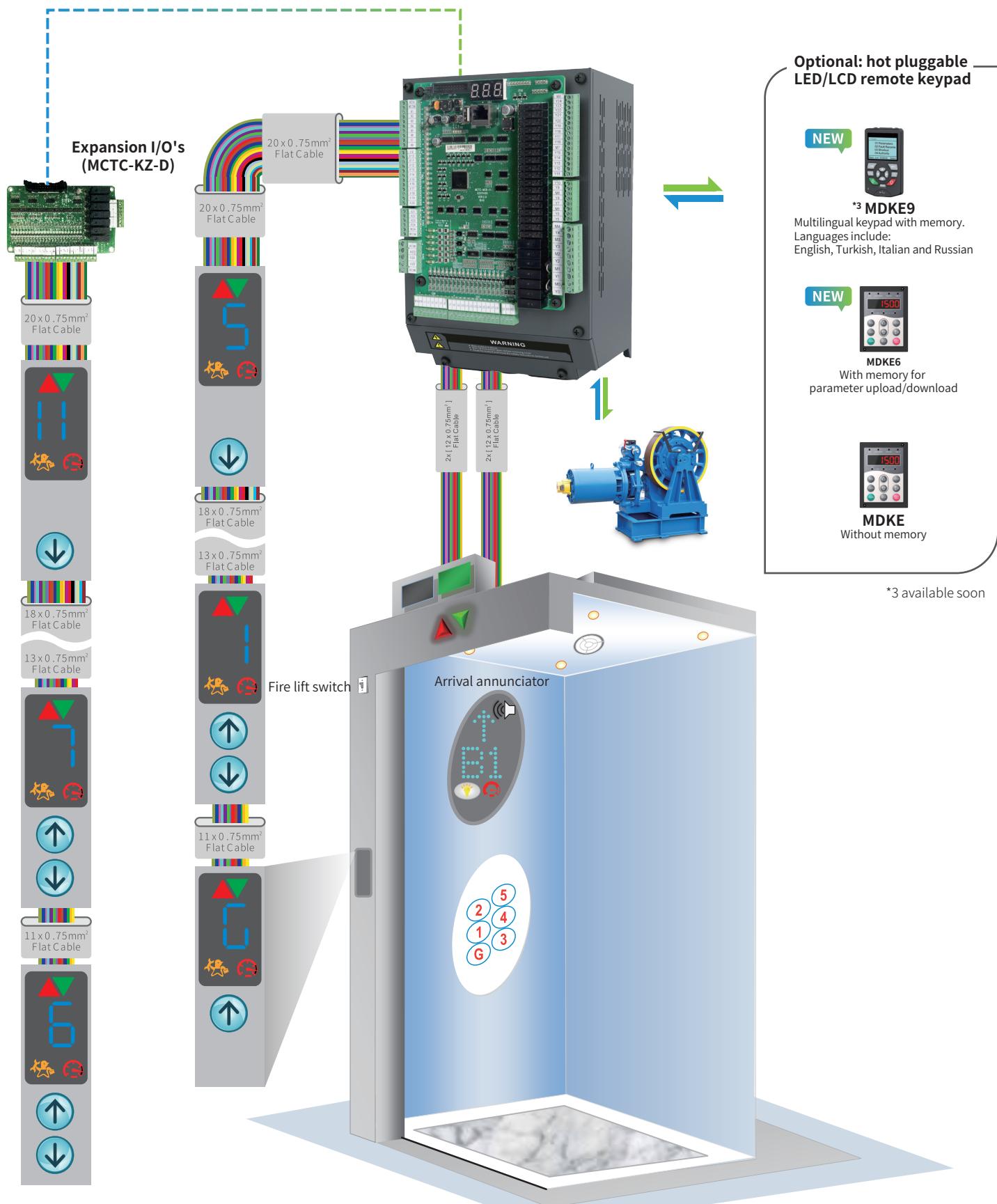


Inverter Features

- Supports open loop asynchronous geared machine
- Smooth ride performance
- Integrated brake and motor output contactors control with monitoring
- Quick and Easy setup with factory default settings
- 6-Independent S-Ramps
- Better levelling accuracy
- 220Vac UPS supported rescue operation with Light load direction sensing

General Connection Diagram

Standard 6 floors full collective, expansion 12 floors full collective



*3 available soon



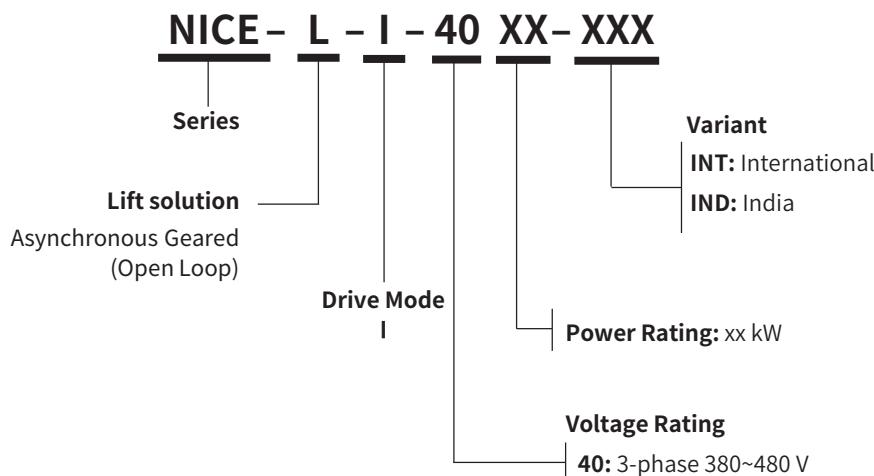
Product Code



MODEL: NICE-L-I-4003
INPUT: 3PH AC 380~480 V 10.5A 50/60 Hz
OUTPUT: 3PH AC 0~440 V 9A 0~90 Hz 3.7 kW
Serial No.: 010302314K200112



Suzhou Inovance Technology Co., Ltd.



General Specifications

380 to 480 Vac, -15% to +10% (323 to 528 Vac)

Model	Frame Size	Input Power [kVA]	Input Current [A]	Output Current [A]	Typical Motor [KW]	Dynamic Braking Unit	Dynamic Braking Resistor		
							Min [Ω]	Max [Ω]	Recommended Power [W]
NICE-L-I-4003-XXX	C	5.9	10.5	9	3.7	Built-in	135	170	≥ 1,100
NICE-L-I-4005-XXX		8.9	14.8	13	5.5		90	115	≥ 1,600
NICE-L-I-4007-XXX	D	11	20.5	18	7.5	Built-in	65	85	≥ 2,500
NICE-L-I-4011-XXX		17	29	27	11		43	55	≥ 3,500
NICE-L-I-4015-XXX		21	36	33	15		35	43	≥ 4,500

*4 Carrier switching frequency 6 kHz at rated output current @150% overload for 60 sec and @200% for 2 sec

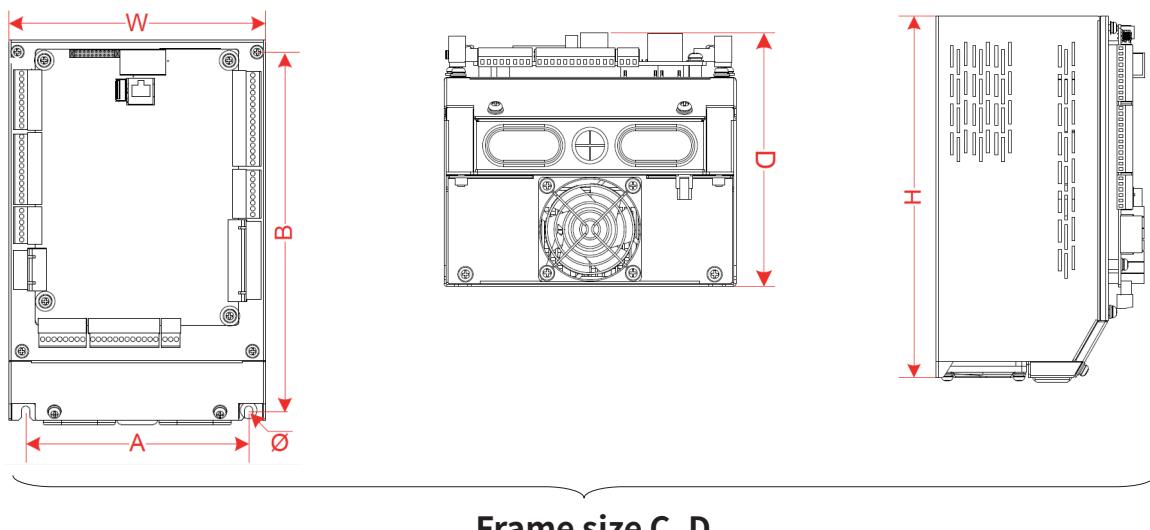
Please note: all units have IP20 rated enclosures and are fan cooled

Input RFI Filter & AC Line Reactor Specifications

380 to 480 Vac, -15% to +10% (323 to 528 Vac)

Model	Frame Size	Input Power [kVA]	Input Current [A]	Input RFI Filter Model		Input AC Line Reactor
				Changzhou Jianli	Schaffner	
NICE-L-I-4003-XXX	C	5.9	10.5	DL-16EBK5	FN 3258-16-33	MD-ACL-10-1.4-4T-2%
NICE-L-I-4005-XXX		8.9	14.8	DL-16EBK5	FN 3258-16-33	MD-ACL-15-0.93-4T-2%
NICE-L-I-4007-XXX	D	11.0	20.5	DL-25EBK5	FN 3258-30-33	MD-ACL-30-0.47-4T-2%
NICE-L-I-4011-XXX		17.0	29.0	DL-35EBK5	FN 3258-30-33	MD-ACL-30-0.47-4T-2%
NICE-L-I-4015-XXX		21.0	36.0	DL-50EBK5	FN 3258-42-33	MD-ACL-40-0.35-4T-2%

Dimensions



Frame size C, D

Frame Size	Dimensions (mm)					Hole Diameter (mm)
	A	B	H	W	D	
C	148	235	248	170	145	5.5
D	150	345	359	220	179	7

Design Compliance

■ EMC Directive 2004/18/EC

EN 61800-3

EN 55011

■ LVD Directive 2006/95/EC & 93/69/EEC

EN 61000-6-2

EN 61800-5-1

