

Digital Indicator

HANYOUNG NUX

# MAS

## INSTRUCTION MANUAL

Thank you for purchasing Hanyoung Nux products. Please read the instruction manual carefully before using this product, and use the product correctly. Also, please keep this instruction manual where you can see it any time.

**HANYOUNGNUX CO., LTD**  
28, Gilpa-ro 71beon-gil, Michuhol-gu, Incheon, Korea TEL : +82-32-876-4697  
http://www.hanyoungnux.com

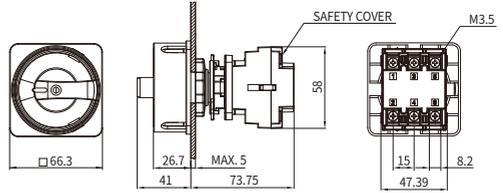
MH0101KE20224

## Dimensions and panel cutout

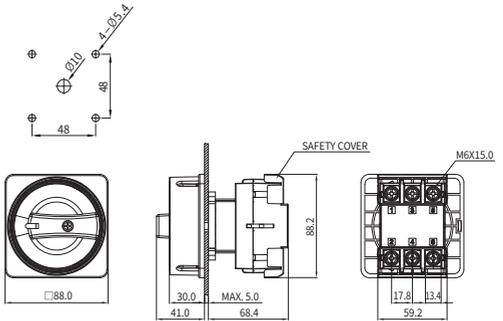
### ■ Dimensions

[Unit: mm]

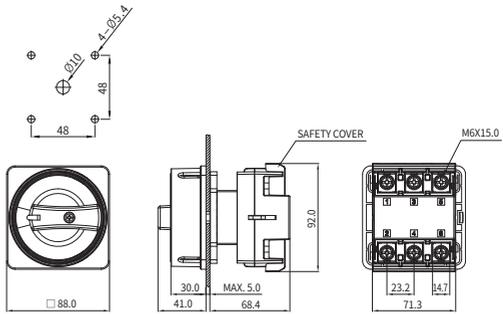
#### ▪ MAS-025



#### ▪ MAS-063



#### ▪ MAS-125



## ■ Safety information

Please read the safety information carefully before use, and use the product correctly. The alerts declared in the manual are classified into **Danger**, **Warning** and **Caution** according to their importance

	<b>DANGER</b>	Indicates an imminently hazardous situation which, if not avoided, will result in death or serious injury
	<b>WARNING</b>	Indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury
	<b>CAUTION</b>	Indicates a potentially hazardous situation which, if not avoided, may result in minor injury or property damage

### CAUTION

- Use within the product rating.
- Be sure to turn off the power when installing or disassembling the product.

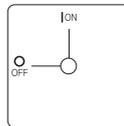
## ■ Suffix code

Model	Code	Information
MAS -	□ □ □	Main switch
Rated capacity	025 □ □	25 A
	063 □ □	63 A
	125 □ □	125 A
shape classification	A	emergency use (Guard: YELLOW, HANDLE: RED)
	B	Normal (Guard: WHITE, HANDLE: BLACK)

## ■ Specification

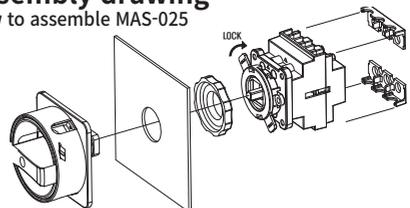
Model		MAS-025	MAS-063	MAS-125
division				
Rated Insulation Voltage Ui		690V	690V	690V
Rated through current Ith		25A	63A	125A
Motor load according to UL/CSA				
MOTOR 3-PHASE	240V	7.5HP	15HP	25HP
	480V	10HP	30HP	50HP
	600V	10HP	30HP	50HP
MOTOR 1-PHASE	120V	1HP	3HP	6HP
	240V	2HP	7.5HP	15HP
Rated control output AC3				
MOTOR	3X230V	5.5kW	15kW	22kW
	3X400V	7.5kW	22kW	37kW
	3X690V	7.5kW	22kW	45kW
Rated control output AC23A				
MOTOR	3X230V	7.5kW	18.5kW	25kW
	3X400V	11kW	30kW	45kW
	3X690V	11kW	30kW	45kW
TERMINAL SCREW		M3.5	M6	M6

## ■ Connection diagrams



## ■ Assembly drawing

How to assemble MAS-025



## ■ Wire size and TIGHT TORQUE

Model	MAS-025	MAS-063	MAS-125
division			
Wire size (AWG No.)	14~7	14~2	8~1
TORQUE TERMINAL SCREWS	0.8 Nm	2.5 Nm	2.5 Nm