



Hanyoung Nux MAS-025 Digital Indicator Instruction Manual

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Hanyoung Nux MAS-025 Digital Indicator



Digital Indicator MAS Instruction Manual

The Digital Indicator MAS is a product manufactured by Hanyoung Nux. The product has a rated capacity of 25A, 63A, or 125A and a rated insulation voltage U_i of 690V. It is equipped with a main switch and comes in two shape classifications – A for emergency use (Guard: YELLOW, HANDLE: RED) and B for normal use (Guard: WHITE, HANDLE: BLACK). The alerts declared in the safety manual are classified into Danger, Warning, and Caution according to their importance. The product dimensions are as follows:

- MAS-025: 66.3mm x 55.0mm x 38.8mm
- MAS-063: 88.0mm x 55.0mm x 48mm
- MAS-125: 88.0mm x 55.0mm x 68.4mm

Usage Instructions

Before using the Digital Indicator MAS, it is important to read the instruction manual carefully and follow the safety guidelines= provided. The product is suitable for use with motor loads according to UL/CSA standards.

To assemble the MAS-025, follow the assembly drawing provided in the manual. When connecting wires, refer to the wire size and tight torque specifications provided:

- MAS-025: Wire size (AWG No.) 14~7, Torque terminal screws – 0.8 Nm
- MAS-063: Wire size (AWG No.) 14~2, Torque terminal screws – 2.5 Nm
- MAS-125: Wire size (AWG No.) 8~1, Torque terminal screws – 2.5 Nm

It is important to use the product correctly and keep the instruction manual for future reference. If there are any issues or concerns, contact Hanyoung Nux for assistance.

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.

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

DANGER

Indicates an imminently hazardous situation which, if not avoided, will result in death or serious injury

WARNING

Indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury

CAUTION

Indicates a potentially hazardous situation which, if not avoided, may result in minor injury or property damage

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

Suffix code

Model	Code		Information
MAS -	<input type="checkbox"/>	<input type="checkbox"/>	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

Specification		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				
3M-POHTAO SRE	240V	7.5HP	15HP	25HP
	480V	10HP	30HP	50HP
	600V	10HP	30HP	50HP
1M-POHTAO SRE	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

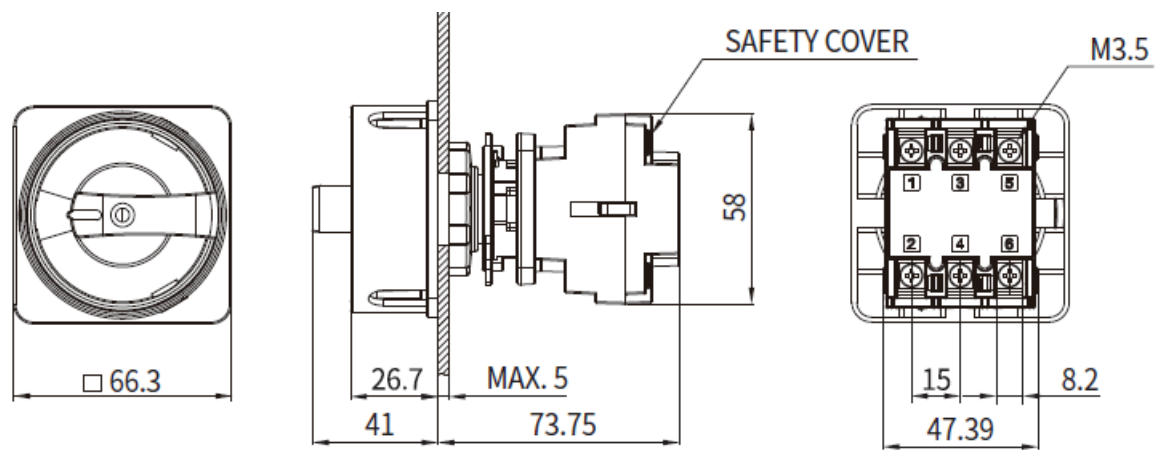
Wire size and TIGHT TORQUE

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

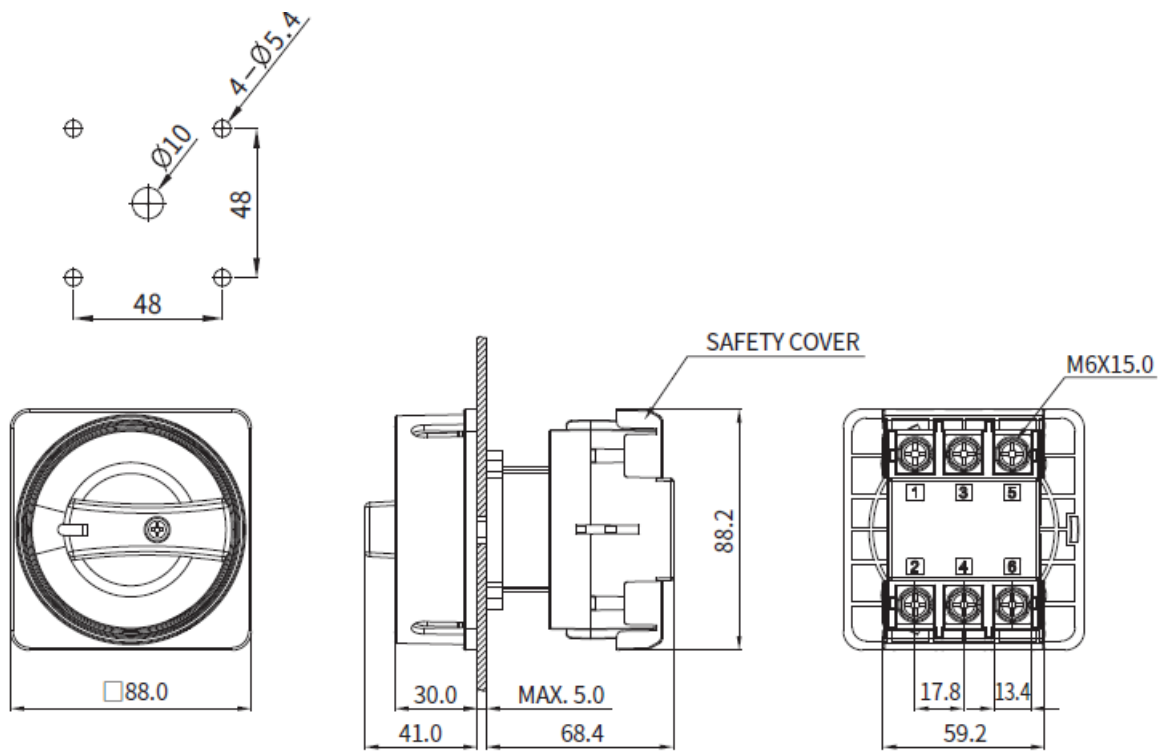
Dimensions and panel cutout

Dimensions

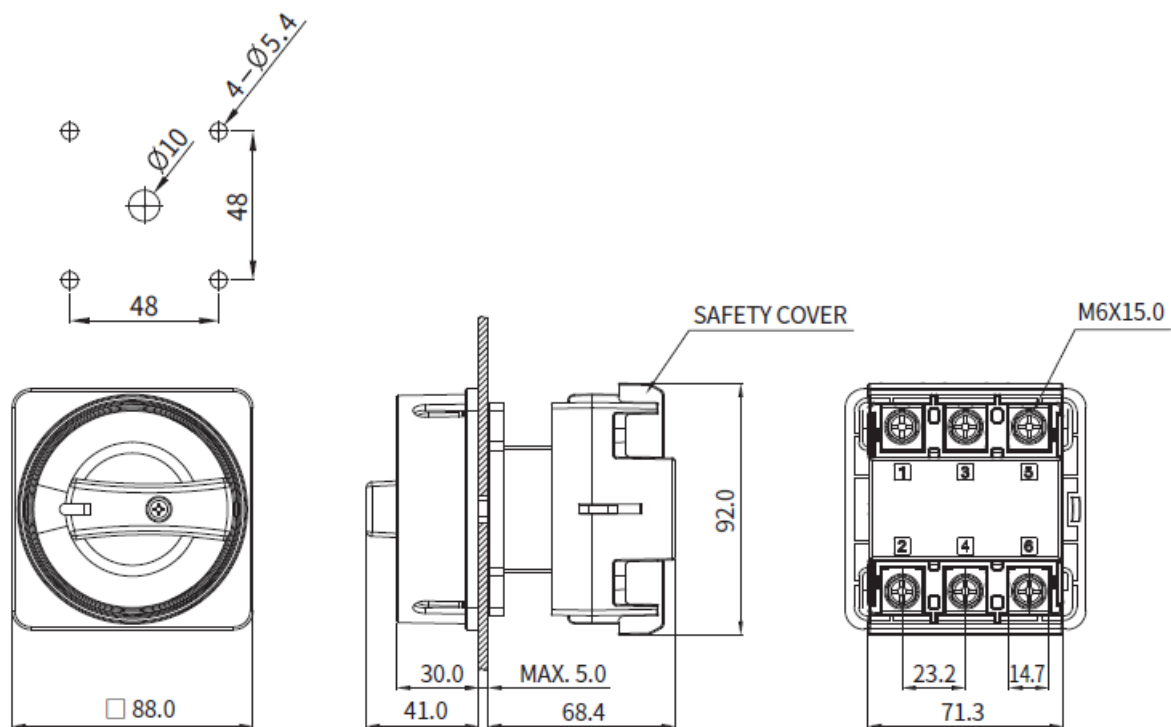
MAS-025



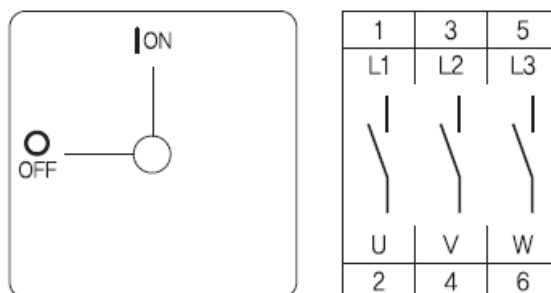
MAS-063



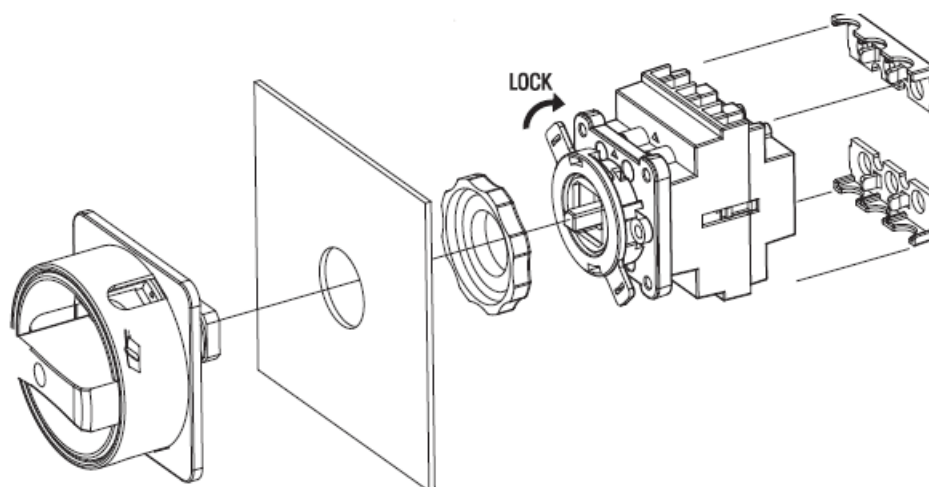
MAS-125



Connection diagrams



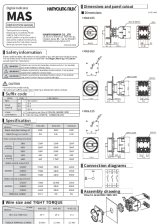
Assembly drawing



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Documents / Resources



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MAS-025 Digital Indicator, MAS-025, Digital Indicator, Indicator

References

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