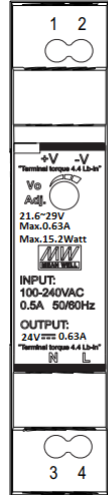


Accessories for EEV controllers

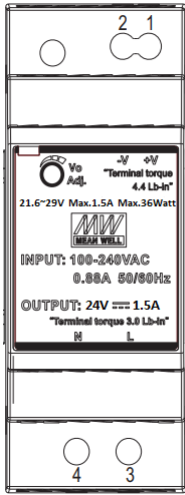
TM01/TM02 series transformer

1. Product specifications

Items	Description
Model	TM01
Dimension	18(W)mm x 90 (H)mm x 58.4 (D)mm
Voltage input	85 ~ 264VAC, 47 ~ 63Hz
Current AC	0.5A/115VAC, 0.25A/230VAC
Rated voltage output	24Vdc, $\pm 1.0\%$
Rated current output	0.63A
Rated power	15.2W
Operation	-30~+70°C, 20~90%RH (Non-condensing)
Storage	-40~+85°C, 10~95%RH (Non-condensing)
Torque	Input 5kgf.cm (4.4 Lb.in), Output 5kgf.cm (4.4 Lb.in)
Wire	18~24AWG9 (0.2~0.8mm ²)



Items	Description
Model	TM02
Dimension	35(W)mm x 90 (H)mm x 58.4 (D)mm
Voltage input	85 ~ 264VAC, 47 ~ 63Hz
Current AC	0.5A/115VAC, 0.25A/230VAC
Rated voltage output	24Vdc, $\pm 1.0\%$
Rated current output	1.5A
Rated power	36W
Operation	-30~+70°C, 20~90%RH(Non-condensing)
Storage	-40~+85°C, 10~95%RH(Non-condensing)
Torque	Input 3.4 kgf.cm (3.0 Lb.in) Output 5 kgf.cm (4.4 Lb.in)
Wire	18~24 AWG9(0.2~0.8mm ²)



2. Manual Guide

1

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0.2mm²~0.8 mm²

3

	Torque (kgf.cm)	Torque (lbf.ft)
Input	3.4	3.0
output	5	4.4

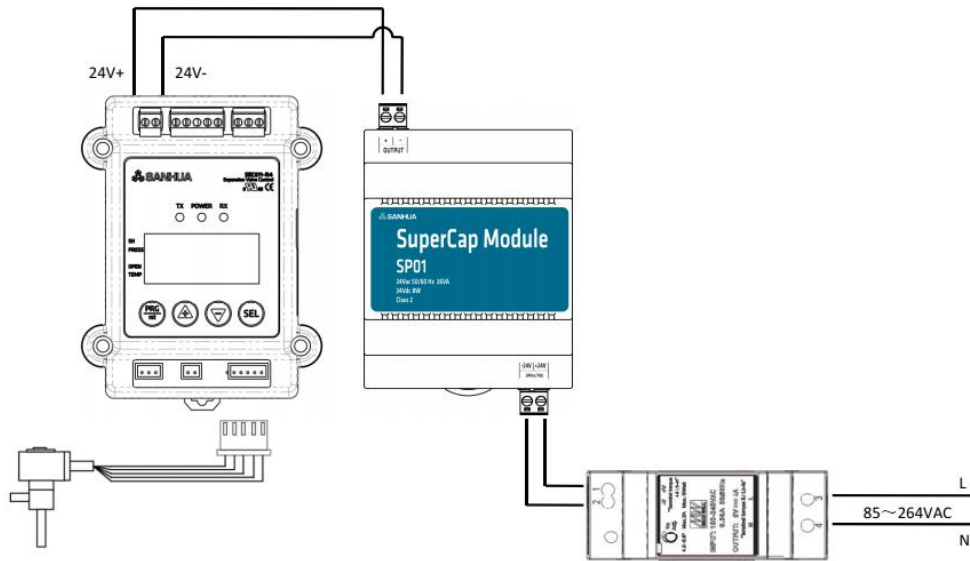
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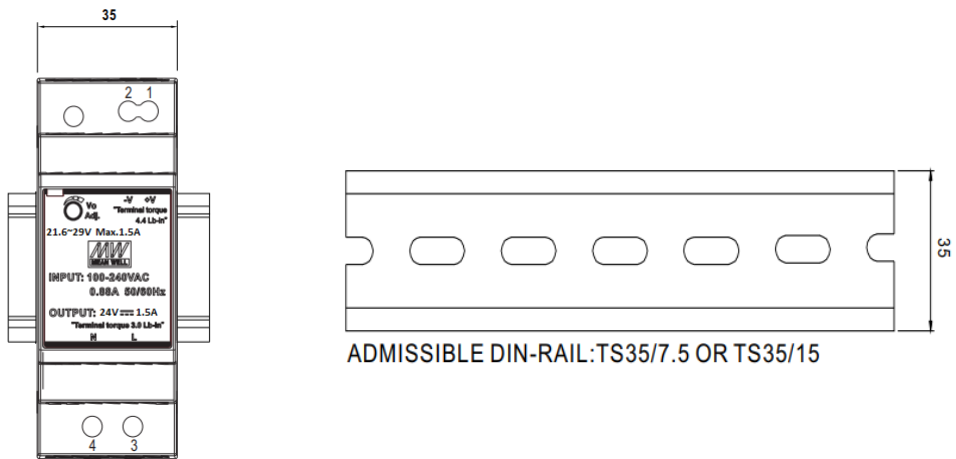
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II- TM01 TM02-MU-R2011

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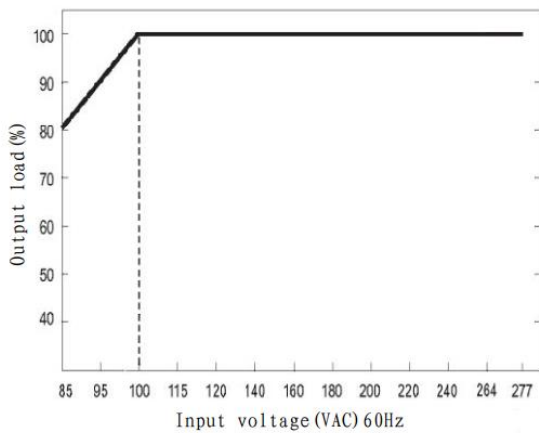
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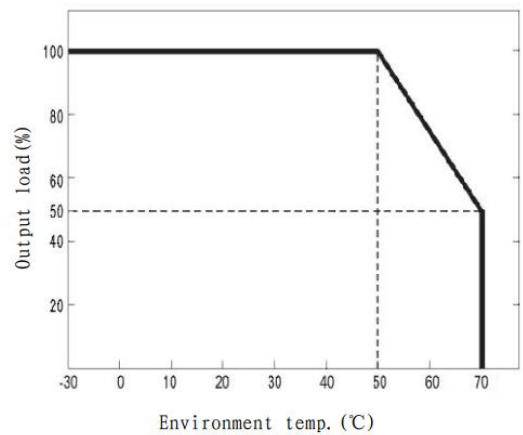
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Voltage output will attenuate due to input voltage or environment temp.

Derating curve

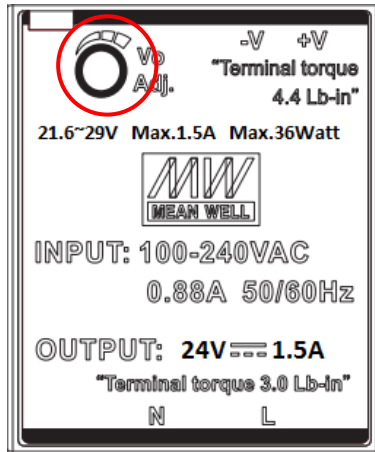


Derating curve



8

Voltage output can be adjusted from 21.6~29V by the screw on transformer, rated voltage output is 24V
It is not recommended to adjust this screw unnecessary or it may cause unstable voltage for EEV and controller



Other application issues please contact application technology team of Sanhua Europe.