



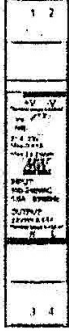



Accessories for EEV controllers

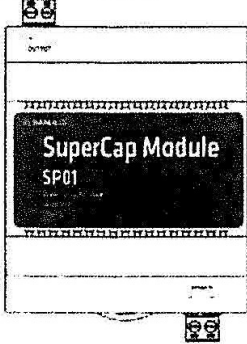
TM01/TM02 series transformer

SP01 series super capacitor module

1. Product specifications

Items	Description	
Model	TM01	
Dimension	18(W)mm x 90 (H)mm x 58.3 (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)	
Wire	18~24AWG9(0.2~0.8mm ²)	

Items	Description	
Model	TM02	
Dimension	35(W)mm x 90 (H)mm x 58.3 (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)	
Wire	18~24AWG9(0.2~0.8mm ²)	

Items	Description	
Model	SP01	
Dimension	80 (W)mm x 106 (H)mm x 54(D)mm	
Voltage input	24Vac, +10%/-15%, 50/60HZ 24Vdc, +10%/-15%	
Voltage output	22.5~23.5V at Charging (24Vdc input), 14~16V at discharging	
Discharging time	$\geq 25s$ (Load current 400mA)	
Rated power	Max 8w(24Vdc) or 26VA(24Vac)	
Operation	-30~+55°C, $\leq 95\%$ RH(Non-condensing)	
Storage	30~+55°C, $\leq 95\%$ RH(Non-condensing)	

2. Manual Guide

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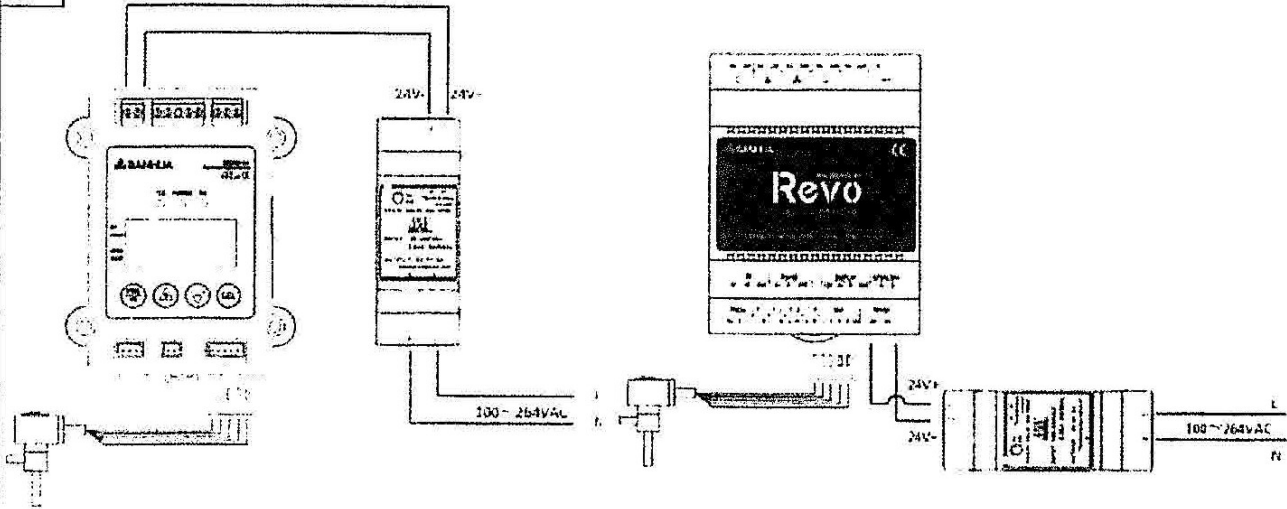
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	Torque (kgf.cm)	Torque (lbf.ft)
Input	3.4	3.0
output	5	4.4

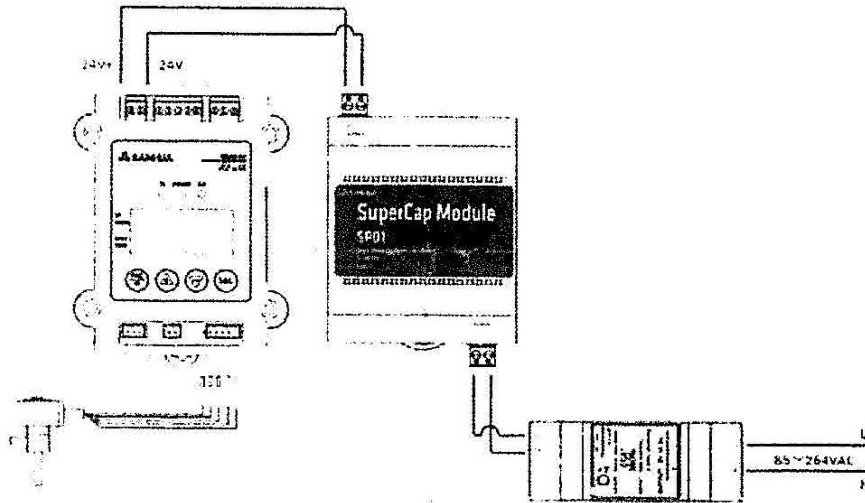
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Using TM series directly connect to the controller (SEC6xx / SECR03) is shown in the figure below:



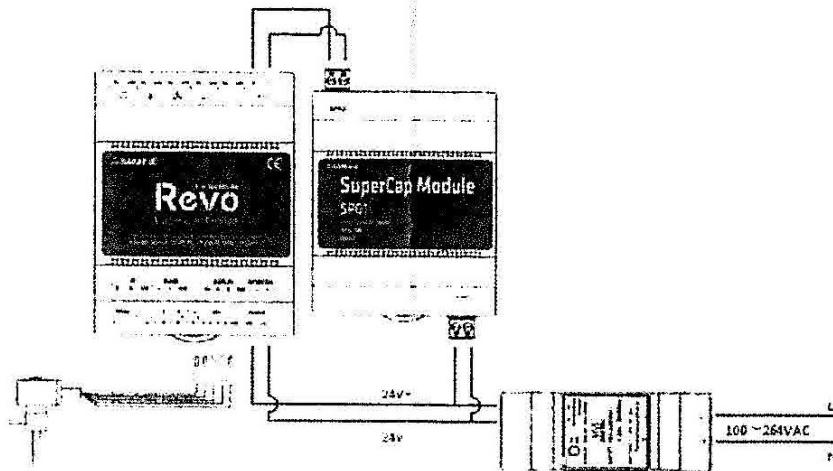
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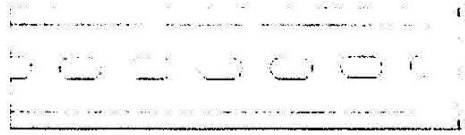
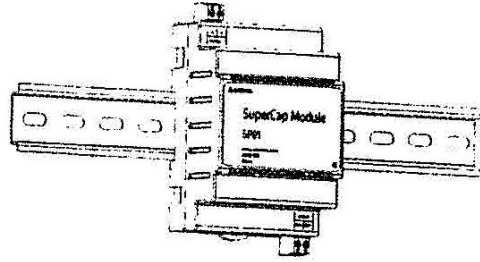
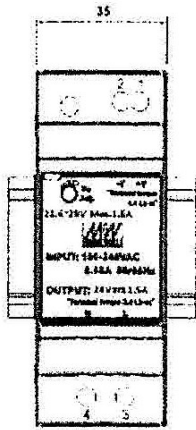
Using TM series and SP01 connect to the controller SEC6xx is shown in the figure below:



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Using TM series and SP01 connect to the controller SECR03 is shown in the figure below:

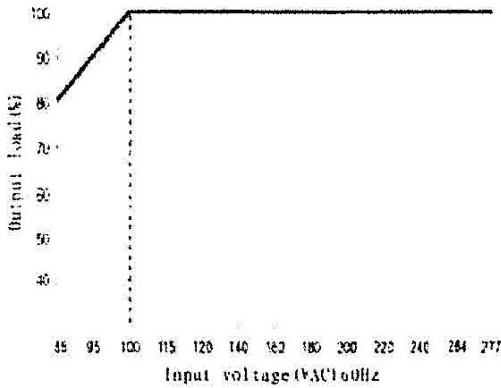




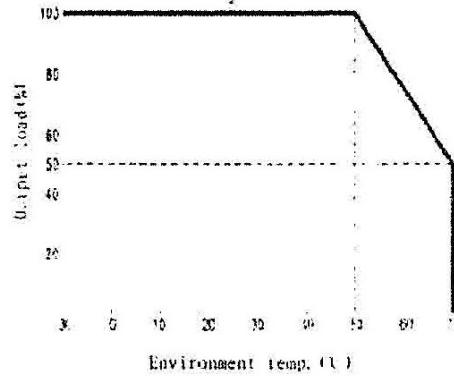
ADMISSIBLE DIN-RAIL TS35/7.5 OR TS35/15

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

Derating curve



Derating curve



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



application issues please contact application technology team of Sanhua Europe.