

## RSC165 ( RS485 Controller )

### Introduction :

- RSC165 is a multi-purpose controller for RS485 interface. Once the device equipped with LED lamps of RS485 interface, it is capable to control all the LED lamps simultaneous changing state.
- RSC165 has internal built-in 20 modes, such like rolling picture, changing color, fading light etc.. function, that would be satisfied by customer with respective requirements.
- RSC165 is capable for extension, firmware updating, and variable function that can meets customer's plan.
- When the driving power of RSC165 has exceeded its maximum level, user can enhance it by using RSC167 to control more LED lamps.
- This device has better human interface with 6 keys and LCD screen.
- It has built-in 20 modes program, user can select and change easily for variable modes.
- The provision of 5 function keys for quick running user defined 5 programs.
- DC or AC input with low power consumption and wider voltage range, simple connection.



This device has adapted terminal block for easy wiring and nice appearance. Complete unit can be conveniently mounted on wall.

Items	Specification	Unit	Remark
<b>Function</b>			
User interface	6 Keys + 8*2 Text LCD, IrDA Remote Control		
Input connector	Half-Duplex RS485 port (Default) * 1		
Output connector	Half-Duplex RS485 port * 1		
Driving device & q'ty	>Lamp * 32 or RSC165 * 32		
Total wiring distance	>300	Meter	

Series capability	Yes		RSC165 controller is also controllable
Built-in program	>= 8 modules		It can be updated to increase number of modules.
<b>Power Required</b>			
Rating input voltage	9~18Vdc or 8~15Vac	V	
Maximum input voltage	24 Vdc or 20 Vac	V	Over voltage should damage the circuit board.
Input current	<100mA	mA	
Power consumption	< 1W	W	
<b>Environment</b>			
Working temperature	0~50	o C	
Storage temperature	-20~60	o C	
Working humidity	10~90	%	None condensed
Dimension	126.3 * 76.2 * 40	mm	
Weight	<0.5	Kg	
<b>Options</b>			
-96	Half-Duplex RS485 port * 3  (Total Fan out = 96 device)		Plus 2 sets RS485 interface, this controller can drive 96 ports in total.