

# Datasheet



## RSP 305 Remote Panel

Part#: 1006500

Rev. September 2014

### Interfaces

Section	Ch.	Cond.	Min	Typ	Max	Unit	Comment
Power Supply, Vcc	1		18	24	32	VDC	
Current Consumption	-	@24.0 V	-	0.5	2.0	A	

### Screen

Section	Conditions	Width	Typ	Height	Unit	Comment
Size	-	-	5.6"	-	inch	
Resolution	-	240	-	128	px	50 PPI

  

	Conditions	X	Typ	Y	Unit	Comment
Viewing angle	-	+67 -67	0	+62 -67	Deg.	X=horizontal, Y=vertical Contrast ratio >10:1

### Measurements and Weight

Section	Weight	Width	Height	Depth	Unit	Comment
Size	-	250	160	50	mm	
Cut-out	-	230	146	-	mm	Access depth: 60 mm
Weight	1.6	-	-	-	kg	

### Environmental

Section	Condition	Min	Typ	Max	Unit	Comment
Vibration	Operational	-	0.7	-	g	IEC 60068-2-6 Fc
Operating Temperature	Operational	0	-	50	C	IEC 60068-2-1 Ab/Ad
Storage Temperature	Not powered	-20	-	+60	C	
Dry Heat	Operational	-	-	50	C	IEC 60068-2-2 Bb/Bd
		-	-	16	hours	
Damp Heat, cyclic	Cyclic 20-55-20	-	-	-	C	IEC 60068-2-30 Db
	Humidity 95%	-	-	-	-	
	Duration	-	-	48	hours	
Enclosure	Operational	-	IP44	-	-	Front panel
High Voltage	Not powered	-	-	548	Vrms	Voltage applied between <i>clamped</i>
		-	-	1	minute	supply and shield.
Fast low-energy Transients/bursts	Operational	-	-	-	-	IEC 61000-4-4
		-	-	2	kV	24 VDC supply lines, 5 kHz
		-	-	1	kV	Signal lines, 5 kHz
Slow high-energy Transients/surges	Operational	-	-	-	-	IEC 61000-4-5
		-	-	0.5	kV	24 VDC supply lines
		-	-	1	kV	Signal lines
Electrostatic Discharge, ESD	Operational	-	-	-	-	IEC 61000-4-2
		8	-	8	kV	Air
		6	-	6	kV	Contact

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### EMC

Section	Condition	Min	Typ	Max	Unit	Comment
Conducted emission	Operational	-	-	-	-	CISPR 16-1-1 / 16-1-2 / 16-2-1
Radiated emission	Operational	-	-	-	-	Quasi-peak at 3m:
		150	-	300	kHz	80-50 dB $\mu$ V/m
		0.3	-	300	MHz	50-34 dB $\mu$ V/m
		30	-	156	MHz	54 dB $\mu$ V/m
		156	-	165	MHz	24 dB $\mu$ V/m
165	-	2 000	MHz	54 dB $\mu$ V/m		
Radio frequency Immunity	Operational	-	-	10	Vrms	IEC 61000-4-6
Radiated electric Immunity	Operational	80	-	2 000	MHz	IEC 61000-4-3 10 V/m, 80% AM, 1 kHz

#### Validity of Information

Data valid at revision date. Auto-Maskin reserves the right to make improvements and changes of specification at any time.

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