

Datasheet



RP 210E/220E Remote Panel

Part#: 1006476, 1006472

Rev. December 8, 2016

Interfaces

Section	Ch.	Cond.	Min	Typ.	Max	Unit	Comment
Power Supply, Vcc	1	@ 24 VDC	8 -	12/24 0.5	32 2	VDC A	Max ripple 10% without exceeding Min and Max values.
Ethernet	1		-	10 / 100	-	Mbps	Auto Crossover
USB Port	1		-	-	480	Mbps	USB 2.0 Hi-speed Memory Interface

Screen

Section	Conditions	Width	Typ.	Height	Unit	Comment
Size	-	-	5.7	-	inch	
Resolution	-	640	-	480	pixels	
Colours	-	-	262144	-	colours	

	Conditions	Min	Typ.	Max	Unit	Comment
Viewing angle	horizontal	±60	±65	-	Deg.	Contrast ratio >10:1
	vertical	±47	±52	-		

Measurements and Weight

Section	Weight	Width	Height	Depth	Unit	Comment
Size	-	167	135	68	mm	Depth without connectors
Cut out	-	156	124	-	mm	Access depth: 90 mm
Weight	0.8	-	-	-	kg	

Environmental

Section	Condition	Min	Typ.	Max	Unit	Comment
Vibration	Operational	-	4	-	g	IEC 60068-2-6 Fc
Operating Temperature	Operational	-25	-	+70	°C	IEC 60068-2-1
Storage Temperature	Not powered	-30	-	+85	°C	
Dry Heat	Operational	-	-	70	°C	IEC 60068-2-2 Bb/Be
				16	hours	
Damp Heat, cyclic	Cyclic 20-55-20	-	-	-	°C	IEC 60068-2-30 Db
	Humidity 95%	-	-	-	-	
	Duration	-	-	48	hours	
Enclosure	Operational	IP56	-	-	-	Including panel seal
High Voltage	Not powered	-	-	548 1	Vrms minute	Voltage applied between <i>clamped</i> supply and shield.
Fast low-energy Transients/bursts	Operational	-	-	-	-	IEC 61000-4-4 24 VDC supply lines, 5 kHz
				2	kV	
Slow high-energy Transients/surges	Operational	-	-	-	-	IEC 61000-4-5 24 VDC supply lines Signal lines
				0.5	kV	
				1	kV	
Electrostatic Discharge, ESD	Operational	-	-	-	-	IEC 61000-4-2 Air Contact
				8	kV	
				6	kV	

Datasheet



RP 210E/220E Remote Panel

Part#: 1006476, 1006472

Rev. December 8, 2016

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	80-52 dB μ V/m, 9 kHz BW
		0.3	-	30	MHz	52-34 dB μ V/m, 9 kHz BW
		30	-	156	MHz	54 dB μ V/m, 120 kHz BW
		156	-	165	MHz	24 dB μ V/m, 9 kHz BW
Radiated emission	Operational	165	-	2 000	MHz	54 dB μ V/m, 120 kHz BW
		Conducted Immunity	Operational	-	-	10
Radiated Immunity	Operational	80	-	2 000	MHz	IEC 61000-4-3 10 V/m, 80% AM, 400 Hz/1kHz

Validity of Information

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

Created by:

Geir Olav Schulstad, Product Manager.

Checked by:

Mikael Hildell, Director Product Management