

RP 410 Remote Panel

Part#: 1006452

Rev. June 2013

Interfaces

Section	Ch.	Cond.	Min	Typ	Max	Unit	Comment
Power Supply	1	-	18	24	32	VDC	
Current Consumption	-	@24.0V	-	400	-	mA	
Switch Inputs	4	low=0-2 high=8-32	-	24	-	VDC	Optocoupled
Relays	4	-	-	-	1	A	Potential free
Relay Expansion port	1	-	-	-	-	-	For MK-14 relay expansion

Screen

Section	Conditions	Width	Typ	Height	Unit	Comment
Size	-	-	8.4"	-	inch	Transflective
Resolution	-	640	-	480	px	95 dpi
Colors	-	-	256k	-	colors	
Display area	-	170.88	-	128.16	mm	

	Conditions	Hor.	Typ	Vert.	Unit	Comment
Viewing angle	Cont. ratio ≥ 10:1	+80 -80	0	+80 -60	Deg.	
Optimum Installation angle recommendation	-	+30 -30	0	+30 -30	Deg.	
Contrast ratio	-	-	600:1	-	-	

Measurements and Weight

Section	Weight	Width	Height	Depth	Unit	Comment
Size	-	320	220	56	mm	
Cutout	-	307	183	-	mm	Access depth: 60 mm
Weight	2.1	-	-	-	kg	

Environmental

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

Datasheet



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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
		-	-	-	-	Quasi-peak at 3m:
		150	-	300	kHz	80-50 dB μ V/m
Radiated emission	Operational	0.3	-	300	MHz	50-34 dB μ V/m
		30	-	156	MHz	54 dB μ V/m
		156	-	165	MHz	24 dB μ V/m
		165	-	2 000	MHz	54 dB μ V/m
Radio frequency Immunity	Operational	-	-	10	Vrms	IEC 61000-4-6
Radiated electric Immunity	Operational	80	-	2000	MHz	IEC 61000-4-3 10 V/m, 80 % AM, 1 kHz
Compass Safe Distance	Operational	0.80	-	-	m	
	Not Powered	0.75	-	-	m	

Note!

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

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