

Datasheet



RP 210E / 220E / 420E / 206E Remote Panel Marine Watch S-ACE / LT-ACE Annunciator Panel

Part#: 1006476/1006474 (RP 210E Remote Panel)
1006472 (RP 220E Remote Panel)
1006484 (RP 420E Remote Panel)
1006478 (RP 206E Remote Panel)
1500120 (LT-ACE Annunciator Panel)
1500075 (S-ACE Annunciator Panel)

Rev. May 15, 2025

Interfaces

Section	Qty.	Min	Typ.	Max	Unit	Comment
Power Supply, Vcc	1	8 -	12/24 0.4	32 2 ¹	VDC A	Current consumption @ 24 VDC.
Ethernet	1	-	10 / 100	-	Mbps	Auto Crossover
USB Port	1	-	-	480	Mbps	USB 2.0 Hi-speed Memory Interface
Buzzer Output ²	1	- 0	Vcc - 0.5 -	- 0.2	V A	Power Supply - 0.5 V Current limited

Flexible I/O³

Section	Qty.	Min	Typ.	Max	Unit	Comment
Digital Input	3	8 0	- -	Vcc 2	V	High level Low level
Digital Output	1	- 0	Vcc-0.5 -	- 0.2	V A	Power supply - 0.5 V Current limited

Screen

Section	Width	Typ.	Height	Unit	Comment
Size	-	5.7	-	inch	
Resolution	640	-	480	pixels	
Pixel Density		140		PPI	
Colors	-	16.7M	-	colors	

	Conditions	Min	Typ.	Max	Unit	Comment
Viewing angle	horizontal	±60	±65	-	Deg.	Contrast ratio >10:1
	vertical	±47	±52	-		
Brightness	Backlight 100 %	400	450	-	cd/m ²	

Operator Interface

- Capacitive touch interface
- Touch buttons
 - Part# 1006474/1006474/1006472: 4 buttons
 - Part# 1006478/1500120/1500075: 2 buttons

¹ 0.5 A when no I/O is used.

² Only for P/N 1500075, Marine Watch S-ACE.

³ Not for P/N 1500075, Marine Watch S-ACE.

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Connectors

- 4 x 12 pin Deutsch DT06-12SA (Mating connector)
- USB 2.0 Type A Host Port (Service only)
- Ethernet RJ45 IP67 Bajonett Black (Use included RJ45 Plug Kit)

Measurements and Weight

Section	Condition	Weight	Width	Height	Depth	Unit	Comment
Size	Bezel	-	167	135	68	mm	Depth without connectors
	All-glass	-	162	130	67	mm	
Cut out		-	155	123	-	mm	Access depth: 90 mm
Weight		0.8	-	-	-	kg	

Environmental

Section	Condition	Min.	Typ.	Max.	Unit	Comment
Operating Temperature	Operational	-25	-	+70	°C	DNV No. 2.4 Location Class D, Open deck
Storage Temperature	Not powered	-30	-	+85	°C	
Enclosure Ingress Protection Rating	Operational	IP56	-	-	-	Complete enclosure.
Front Ingress Protection Rating	Operational	IP66	-	-	-	From the front when mounted.
Vibration	Operational	-	4	-	g	IEC 60068-2-6 Fc

Testing & Approvals

Tested according to DNV Standard for Certification DNV No. 2.4, harmonized with IACS UR E10 and IEC 60092-504.

Validity of Information

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