

SETR-61 Oval Control

The Oval control combines a microprocessor based trim tab control with an LED tab position indicator. This control incorporates automatic tab retraction and calibration whenever the control power is switched on or off. This unique design requires no feedback sensor for tab position. LED indicators automatically dim at night and brighten in sunlight. The Oval is completely sealed and waterproof. Its rubberized cover is UV protected and will not deteriorate in sunlight. The control switch is self-contained and does not require an additional control box. Lectrotab's Oval control can be used as a single station or can handle up to 6 stations in constant communication with each other.

FEATURES

- Microprocessor based trim tab control with LED tab position indicators
- Completely sealed, completely waterproof and will not deteriorate in sunlight
- Tabs automatically retract and calibrate on key switch on or off
- Easy upgrade from rocker switch style control with BP-10 mounting plate
- No external power module required
- Automatically dims LED tab position indicators in darkness and brightens in sunlight
- Adjustable programming features located on back of specification sheet
- Operates up to 6 stations (Use 1 SR cable per Oval control for each station)
- Operates up to 2 actuators per tab on 12vdc and 4 actuators per tab on 24vdc systems
- Black or Gray color display available

SPECIFICATIONS

Model Number	Display Color	Number of Stations	Overall Width	Overall Height	Mounting Hole Cutout (Diameter)	DC Voltage	Fuse Size Power Input (1 Actuators per Tab)	Fuse Size Power Input (2 Actuators per Tab)	Fuse Size AUX Terminal (MUST CONNECT)
SETR-61	Black	Up to 6 (Use 1 SR Cable per SETR for 2 or more stations)	3.94"/100mm	3.38"/86mm	2"/51mm - 2.5"/63.5mm	12/24	12vdc = 20 amp 24vdc = 10 amp	12vdc = 30 amp 24vdc = 20 amp	.1 amp
SETR-60	Gray	Up to 6 (Use 1 SR Cable per SETR for 2 or more stations)	3.94"/100mm	3.38"/86mm	2"/51mm - 2.5"/63.5mm	12/24	12vdc = 20 amp 24vdc = 10 amp	12vdc = 30 amp 24vdc = 20 amp	.1 amp

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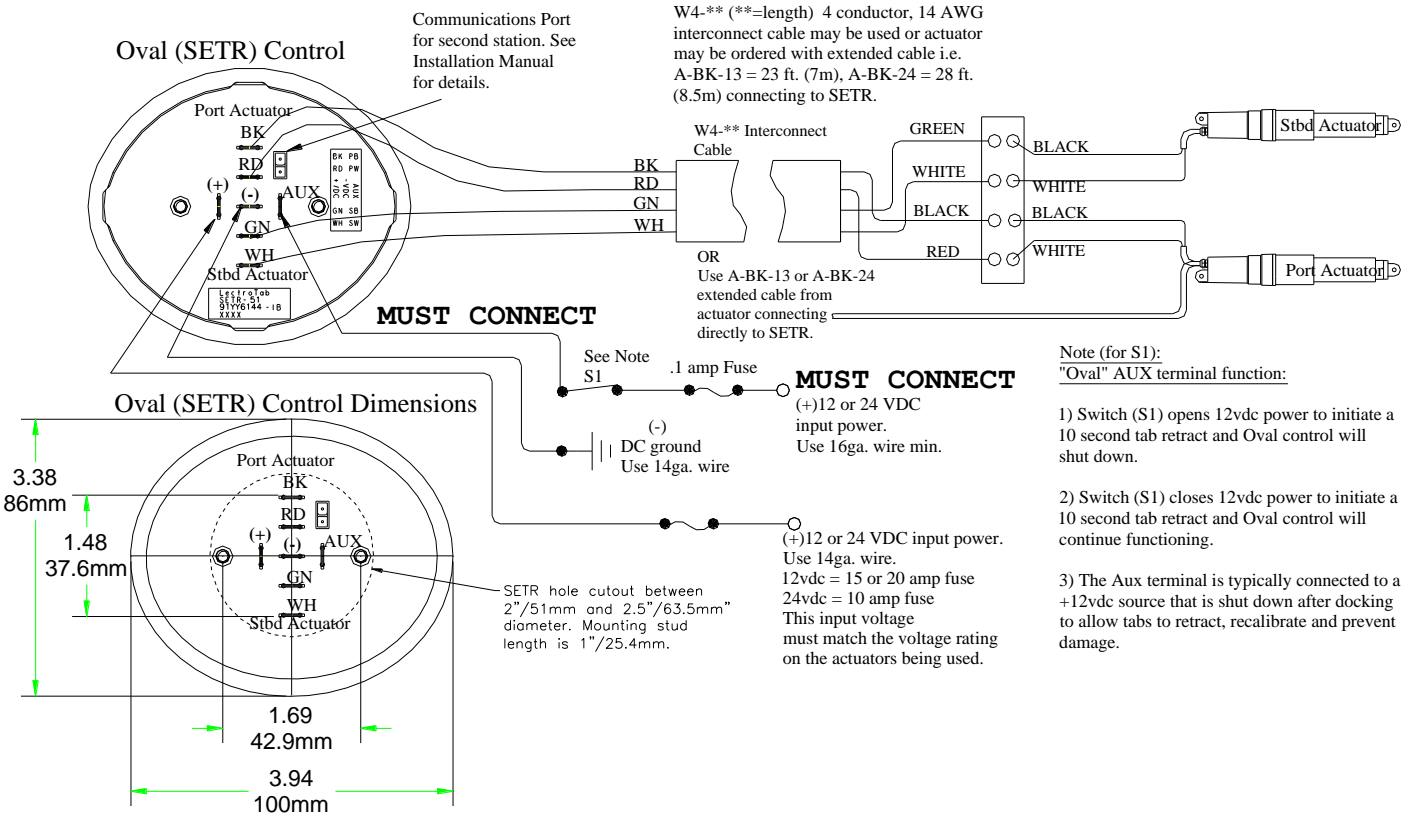
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OVAL (SETR) WIRING/INSTALLATION DIAGRAM

"OVAL " (SETR) Control Installation/Wiring Diagram



OVAL (SETR) PROGRAMMING

Program Mode Sequence						
Function	Enter	Adjust	Exit	Range	Default	Program Details
Timing	PORT BOW DOWN	STBD BOW DOWN/UP	PORT BOW UP	4 - 12sec	8sec	8 LED's = 8 second actuator 4 LED's = 4 second actuator
LED's On/Off	PORT BOW UP	STBD BOW DOWN/UP	PORT BOW UP	On/Off	On	8 LED's = LED ON 1 LED = LED's OFF
Swap LED's	STBD BOW DOWN	STBD BOW DOWN/UP	PORT BOW UP	LED's Opposite of button/same side button	LED's Opposite of button press	1 LED on right and left = LED lights opposite of button press 8 LED's on right and left = LED lights same side as button press

Enter, Adjust and Exit Program Mode:

- Before entering program mode, 12vdc or 24vdc must be applied to Oval main power
- Power to AUX terminal must be OFF (Aux is typically connected to ignition key switch or aux switch)
- Press and hold button noted in Oval Programming chart under column "Enter" for more than 2 seconds while switching the Aux terminal switch to ON at the same time
- Release the "Enter" button and press "STBD BOW UP or DOWN" button to change the value
- Press and hold "PORT BOW UP" for more than 2 seconds to exit program mode

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