

# TRANBERG® COMMANDER

TEF 4900 Navigation Light System Operator Panel

Safe Area



The operator panels for TEF 4900 Commander are very flexible in sizes and configurations. The panels are custom built and allow for use of text in several languages as well as graphics, such as small frames, etc. With a dimmable backlight these are easy to read in daylight as well as at night.

## Applications

Complete control and monitoring of several types of critical lights on vessels:

- Navigation lights
- Signal lights
- Suez lights
- ROV lights
- Towing lights
- Etc.

## Features and benefits

- Backlit text and graphics with dimming control
- Audible and visual alarms
- Main and spare lanterns in same buttons
- Function keys which automatically turns on and off outputs
- Custom made graphics and text

## Approvals and certificates

DNV Type Approval

CE-marking

In compliance with IEC62923\*

Several panels may be connected to the same network, more typical with non-critical applications. Main and spare lanterns are handled in the same button, which simplifies and enhances safety. Automatic change over to spare lanterns with full alert tracing. The user may select to turn on the main lantern or the spare

lantern, depending on the time the button is pressed. Special function buttons may be set up to automatically turn on and off lanterns with one single button, such as sailing lanterns on and anchor lanterns off. Alerts are provided with flashing LED's as well as a buzzer for audible alarms.



## Technical Data

<b>Material:</b>	Black anodized aluminium frame. Durable Lexan front with reverse printed/engraved graphics. Moulded plastic buttons with integrated green and red LED.
<b>Operating temperature:</b>	0° to +40°C (+5° to +70°C)
<b>Ingress protection:</b>	IP22
<b>Dimensions:</b>	See next page
<b>Weight:</b>	1,3 to 2,0 kg. Depending on model and configuration.
<b>Supply voltage:</b>	18-32 V DC.
<b>Communication bus:</b>	RS-485. Cable impedance 100-250ohm. End resistors shall not be used.
<b>Power consumption:</b>	Max. 0.3A @ 24 V DC

\* Legacy part nos. are not in compliance with the latest standards, but are available as spare parts for older systems.

**TRANBERG STAHL**

THE STRONGEST LINK.

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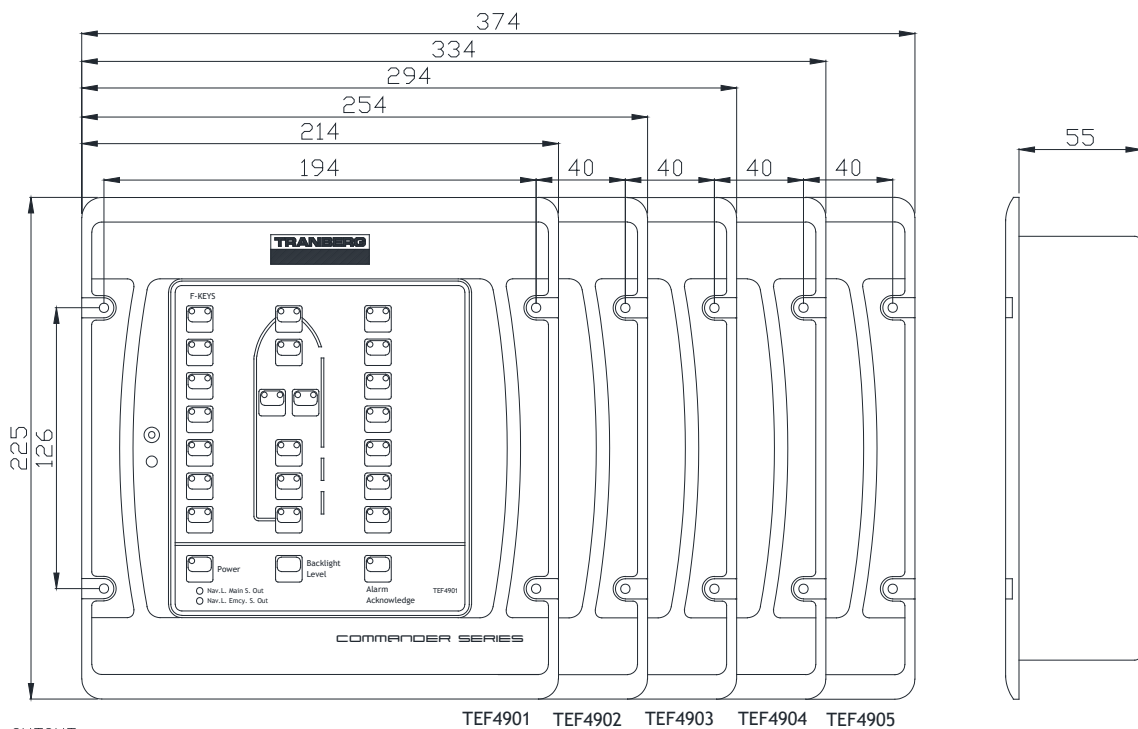
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Description	Dimensions	Part No.	Legacy part no.*
TEF 4901	214 x 225 x 55 mm	4901100	4901000
TEF 4902	254 x 225 x 55 mm	4902100	4902000
TEF 4903	294 x 225 x 55 mm	4903100	4903000
TEF 4904	334 x 225 x 55 mm	4904100	4904000
TEF 4905	374 x 225 x 55 mm	4905100	4905000

\* Only sold as spare parts

## Dimensions



CUTOUT:  
 TEF4901: 180MM X 205MM  
 TEF4902: 220MM X 205MM  
 TEF4903: 260MM X 205MM  
 TEF4904: 300MM X 205MM  
 TEF4905: 340MM X 205MM