

# TRANBERG® CONTROLLER

TEF 4800 Navigation Lights Controller

## General Description



Control and monitoring system for navigation and signal lights. Delivered for up to 16 output circuits, 24 VDC.

TRANBERG® operator panel has a fixed layout of buttons, but allows for customer specified texts. The operator panel has serial communication to the rest of the system.

The panel has text in white letters on a black foil, making it easy to read.

### Applications

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

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

### Features and benefits

- Customer specified texts on panel.
- The system is applicable to both LED and incandescent lamps.
- Up to 10 pcs. 24 VDC (max. 40 W) incandescent lamps or 16 pcs. LED lamps.
- Connections for main and emergency supply to output circuits.
- Can be expanded with a secondary controller.

### Approvals and certificates

DNV Type Approval  
CE-marking



### Technical Data

Material:	Black anodized aluminium panel front and controller housing, moulded plastic buttons in panel.
Operating temperature:	+5° to +55°C
Ingress protection:	IP 20
Weight:	Controller: 1400g Panel size 0: 520g Panel size 1: 1300g Panel size 2: 1400g
Supply voltage:	18 to 32 VDC
Output voltage:	18 to 32 VDC
Max power consumption (Per module):	400W

TRANBERG STAHL

THE STRONGEST LINK.

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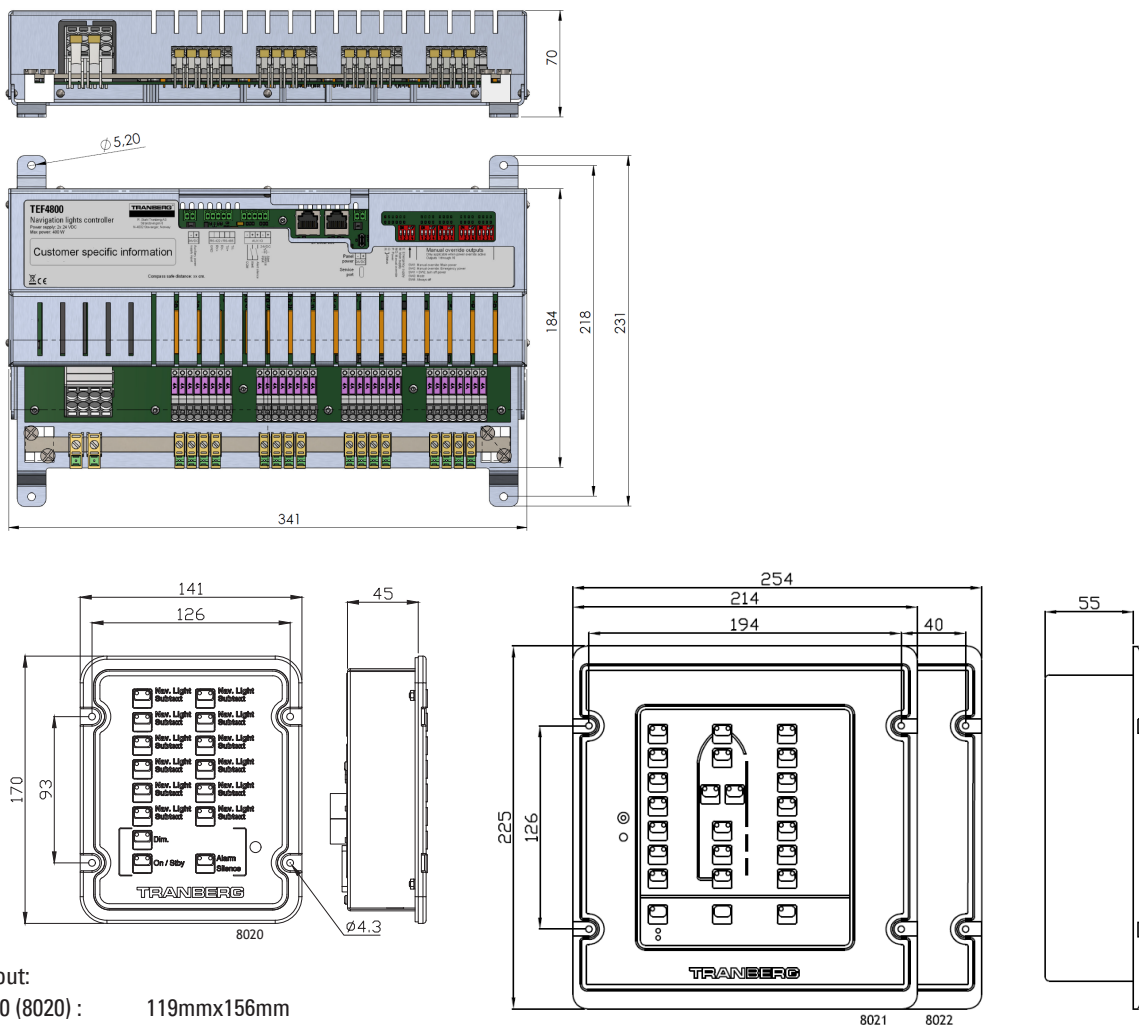
# TRANBERG® CONTROLLER

TEF 4800 Control and Monitoring System for Navigation Light

## General Description

Description	Part No.
TEF 4800, LED, Panel Size 0, Max 12 buttons, Max 16 Outputs	4800101
TEF 4800, LED, Panel Size 0, Max 12 buttons, Max 32 Outputs	4800102
TEF 4800, LED, Panel Size 1, Max 21 buttons, Max 16 Outputs	4800111
TEF 4800, LED, Panel Size 1, Max 21 buttons, Max 32 Outputs	4800112
TEF 4800, Incandescent, Panel Size 0, Max 12 buttons, Max 10 Outputs	4800201
TEF 4800, Incandescent, Panel Size 0, Max 12 buttons, Max 20 Outputs	4800202
TEF 4800, Incandescent, Panel Size 1, Max 21 buttons, Max 20 Outputs	4800212

## Dimensions



Cut-out:

Size 0 (8020) :	119mmx156mm
Size 1 (8021):	180mmx205mm
Size 2 (8022):	220mmx205mm