

TRANBERG® CONTROL PANEL

TEF 4730 Navigation Lights Control Panel, Double Lantern Installation, 24V System

Safe Area



Navigation light control panel for the TEF 2840 / TEF 2870, 24V power supply

Control panel series TEF 4730 are designed to switch and fuse navigation and signaling lights on all kinds of ships.

Panels are approved and certified by DNV. Panels are offered in three different versions, for 2x8, 2x12 and 2x16 lanterns (main and reserve).

Application

- Navigation lights control panel for the TEF 2840/TEF 2870 Lanterns, 24V power supply

Features and benefits

- For console mounting
- Easy installation: all terminals are separated from control box with a 1 meter flexible conduit
- Prepared for connection of two 24V AC/DC power supplies
- The lanterns are switched by two pole, three position rocker switches on the front panel. Left position for main lantern, middle position off and right position for reserve lantern
- Dimmable LED's indicate when a lantern is on
- Visible and audible alarm
- Voltage drop in long cable length can be a problem. This is compensated by connecting specific circuits to a higher voltage than 24V
- Transformers delivered by Tranberg AS have output for six different voltages
- R. Stahl Tranberg AS can assist calculating voltage loss in cable to lantern
- Equipped with an "alarm-relay" with potential free contact set for remote monitoring
- Test button for testing of LED's and acoustic alarm



Technical Data

| | |
|--------------------------|--|
| Material: | Black anodised aluminium. Engraved text. |
| Supply voltage: | 2 x 24V AC/DC |
| Max. power consumption : | 8 circuits: 340 W 12 Circuits: 500 W 16 Circuits: 660 W |
| Load: | Filament lamps / 24V 25-40W |
| Dimensions (WxHxD): | 8 Circuits: 192 x 240 x 150 mm 12 and 16 Circuits: 192 x 384 x 150 mm |
| Cut-out: | 8 Circuits: 172 x 220 mm 12 and 16 Circuits: 172 x 364 mm |
| Weight: | 8 Circuits: 4,5 kg 12 Circuits: 7,0 kg 16 Circuits: 7,5 kg |

Approvals and certificates

DNV Type Approval

TRANBERG

STAHL

THE STRONGEST LINK.

R. STAHL TRANBERG AS

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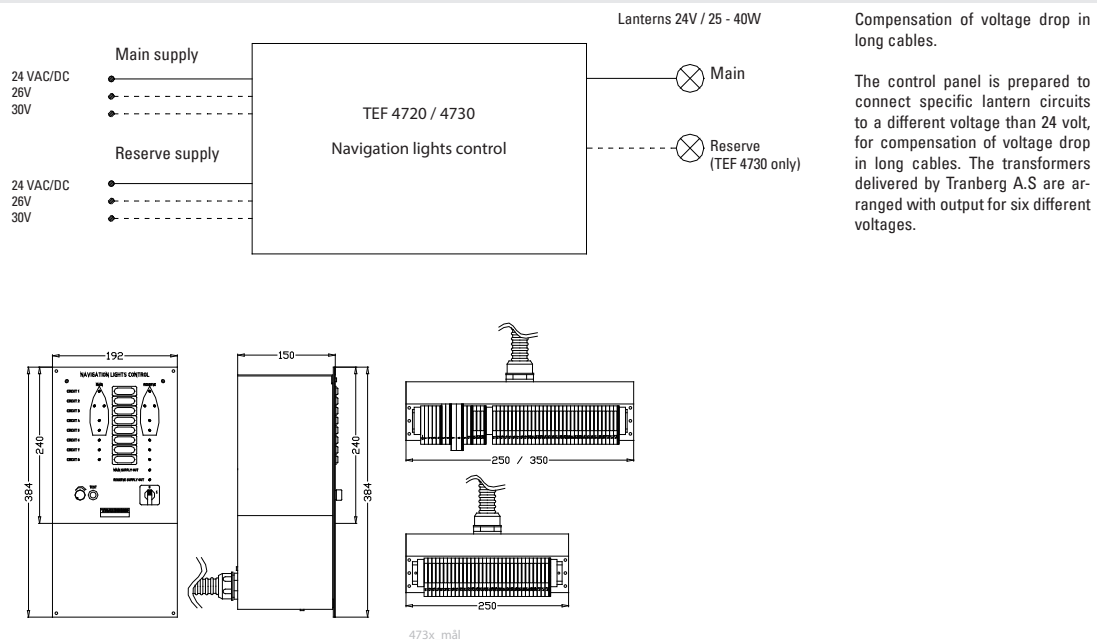
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| Description | Weight | Part No. |
|--|---------|----------|
| TEF 4730 Navigation Light Control Panel: 2x8 Circuits, Dim:192x240x150mm, 24VAC | 4,5 kg. | 4730 010 |
| TEF 4730 Navigation Light Control Panel: 2x12 Circuits, Dim:192x384x150mm, 24VAC | 7,0 kg. | 4730 011 |
| TEF 4730 Navigation Light Control Panel: 2x16 Circuits, Dim:192x384x150mm, 24VAC | 7,5 kg. | 4730 012 |

| Description Options and Spare Parts | Part No. |
|--|------------------|
| Main switch | 5023 0082 |
| Circuit switch | 5023 0024 |
| Test button | 5023 0029 |
| Potentiometer | 5021 1023 |
| Supply selector P-130 for TEF 4720 (24V) | 4813 |
| Relay card P131 | 0000 3092 |
| Power supply / alarm card P40 | 5029 0089 |
| Monitoring card, 8 circuits. P41 | 0000 2935 |
| LED card P42 | 0000 3029 |
| LED card P43 | 4815 |
| Buzzer P44 | 4814 |
| Fused terminal block | 5028 0072 + 3287 |

Dimensions & Wiring



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