

# TRANBERG® COMMANDER

TEF 4900 Navigation Light System Fused Relay Output Module With Current Detection  
Safe Area



Designed for connection of navigation and signal light where the status of the light has to be monitored.

Delivered for 4 or 8 output circuits, 24V or 115/230V.

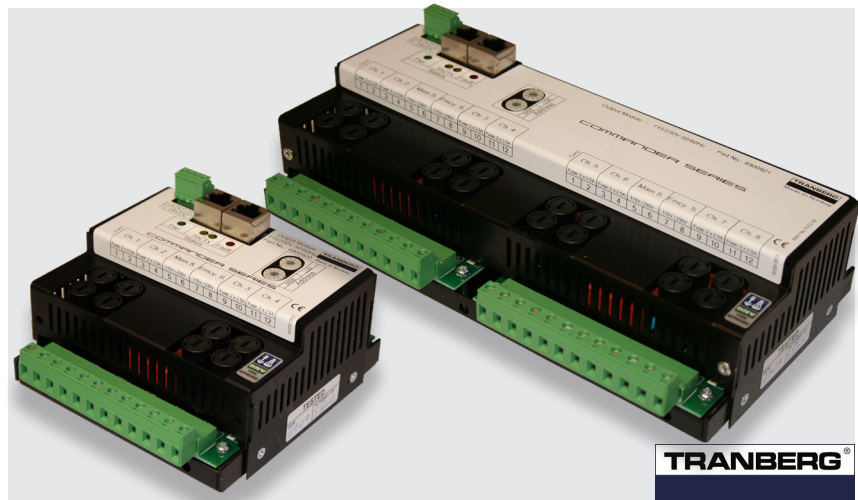
## Features and benefits

- DIN rail mounting.
- 4 or 8 output circuits.
- 2-pole switching. Both poles fused.
- Build-in current detection to determine if output circuits are OK or not.
- Lamp circuits galvanic isolated from control circuit.
- Local emergency switches for control of outputs.
- Connections for main and emergency supply to output circuits.
- Build-in snubber network which allows termination of a wide range of communication cable, 100-250ohm characteristic impedance. End resistors shall not be used.
- Current detection can be disabled on any circuit if a particular system does not require this feature.

## Approvals and certificates

DNV Type Approval

CE-marking



## Technical Data

Operating temperature:	-5° to +70°C
Ingress protection:	IP 20
Dimensions:	4900910/4900920: 120x120x80mm 4900911/4900921: 240x120x80mm
Weight:	4900910/4900920: 0.35 kg 4900911/4900921: 0.83 kg
Supply voltage:	18-32 V DC
Communication:	RS-485. Cable impedance 100-250ohm. End resistors shall not be used.
Power consumption:	4900910/4900920: Max. 0.2A @ 24 V DC 4900911/4900921: Max. 0.3A @ 24 V DC
Output Circuits Supply voltage:	4900910/4900911: 18-32 V AC/DC 4900920/4900921: 110-240V 50/60Hz +/- 10%
Max Load:	Filament lamps or resistive loads. 4900910/4900911: 40W 4900920/4900921: 85W
Fuses:	4900910/4900911: 4.0A F, 5x20mm Ceramic 4900920/4900921: 2.5A F, 5x20mm Ceramic

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THE STRONGEST LINK.

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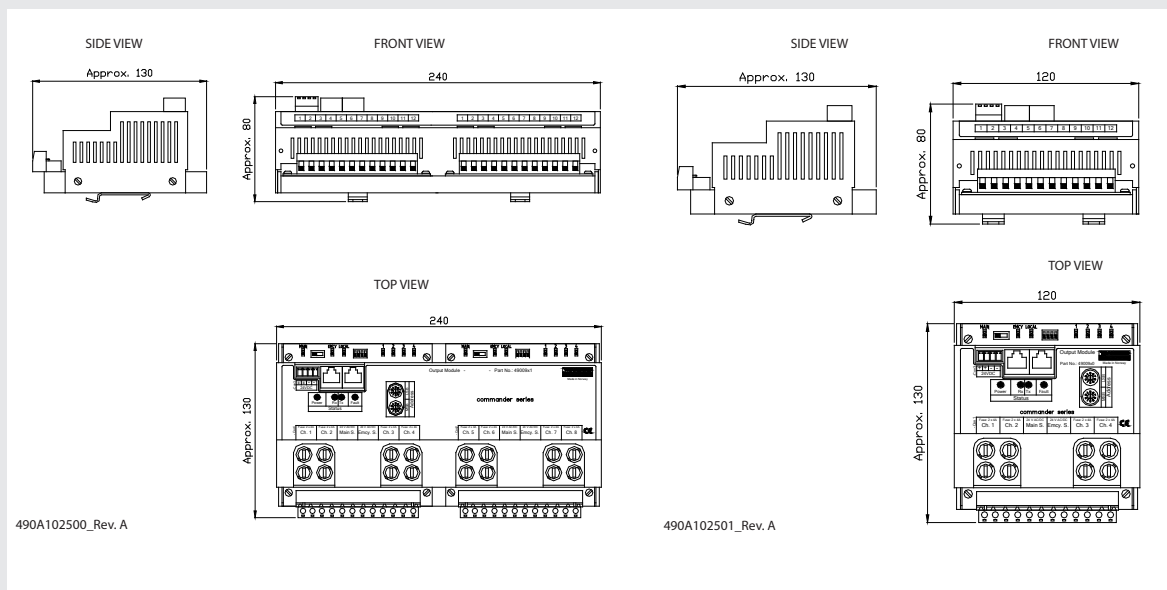
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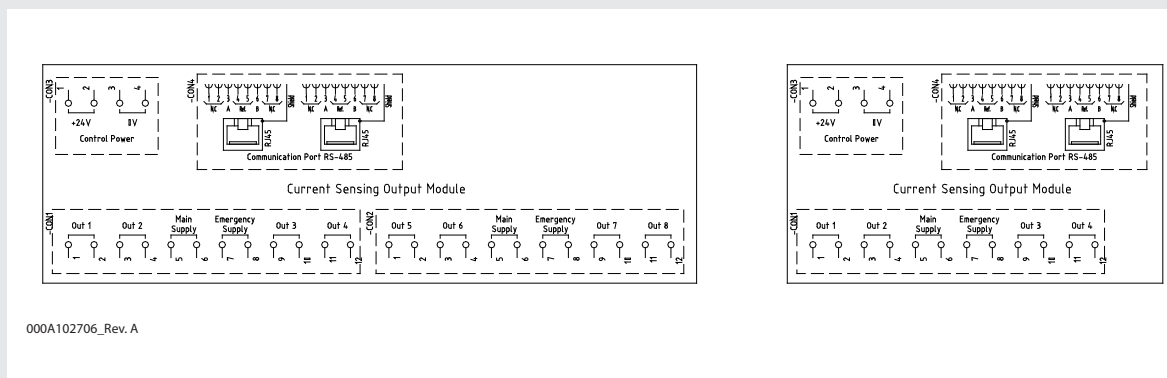
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Description	Part No.
4 output circuits, 24VAC/DC	4900910
8 output circuits, 24VAC/DC	4900911
4 output circuits, 110-240VAC	4900920
8 output circuits, 110-240VAC	4900921

## Dimensions



## Electrical Schematics



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