

TRANBERG® COMMANDER SERIES

TEF 4900 Navigation Light System Fused Dimmer Module with Current Detection

Safe Area



Designed for switching and dimming of signal lights. Status of light is monitored by a built-in current detector. Delivered for 115/230V lamps.

Features and benefits

- DIN rail mounting.
- 2-pole switching. Both poles fused.
- 3-terminal triac dimmer independently of load current.
- Built-in current detection to determine if output circuits are OK or not.
- Lamp circuit galvanic isolated from control circuit.
- Connections for main and emergency supply to output circuit.
- Built-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 if a particular system does not require this feature. This may be done in software configuration or as a direct setting on the module
- The module may also be set locally to manually adjust the output voltage.

Approvals and certificates

DNV Type Approval

CE-marking



Technical Data

Operating temperature:	+5° to +70°C
Enclosure protection:	IP20
Dimensions:	120x120x80mm
Weight:	0,42 kg
Control circuit	
Supply voltage:	18-32V DC
Communication:	RS-485. Cable impedance 100-250ohm. End resistors shall not be used.
Power consumption:	Max 0.2A @ 24V DC
Outputs	
Supply voltage:	110-240V AC 50/60 Hz +/- 10%
Load:	Filament lamps or resistive loads.
Max. load:	2A (resistive load)
Fuses:	2.5A F, 5x20mm Ceramic

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THE STRONGEST LINK.

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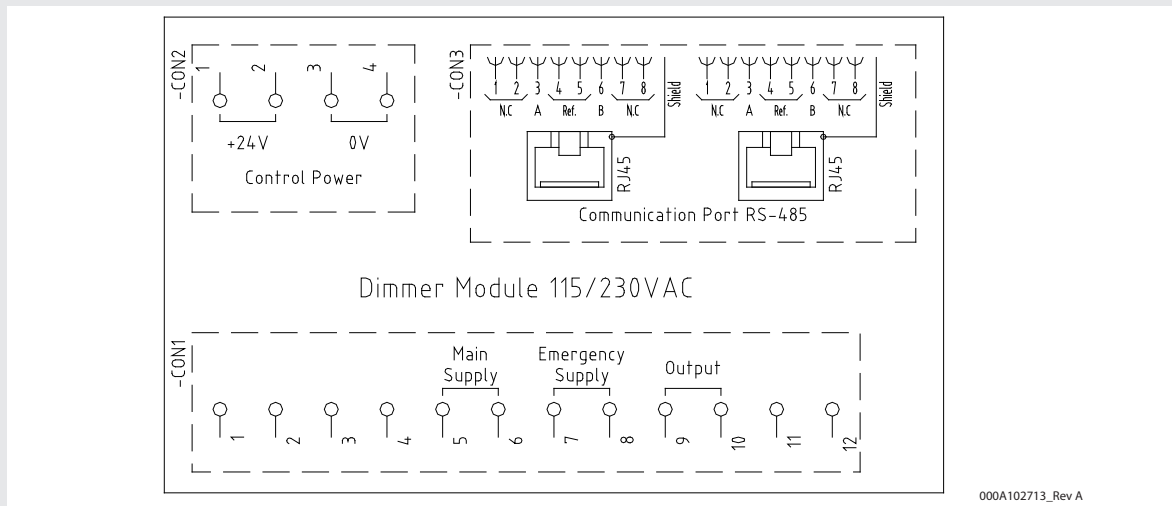
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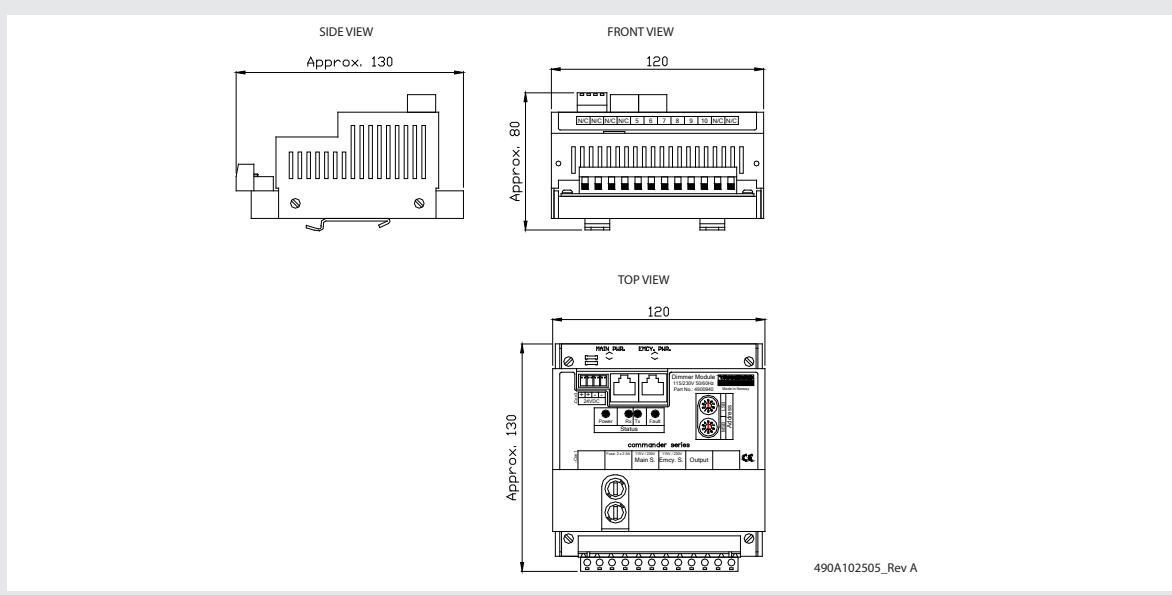
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Description	Part No.
Dimmer Module	4900940

Electrical Schematics



Dimensions



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