

4500 COMMANDER UTILITY 24 I/O INTERFACE MODULE SAFE AREA

Subject to change without prior notice TPS2483 REV. A 30.06.2017



Designed for connection of digital actuators, such as electromagnetic valves, contactors and visual indicators, or output signals to external control system.

This module also include 24 digital inputs, and works in combination with a panel in the same series. The mode selector switch on the module enables several functions of the module, which cover different application areas:

- 24 regular outputs for general use
- 24 outputs, each with a corresponding and independent input for monitoring functions (high input yields an alarm)
- 24 inputs for a dedicated monitoring function
- Control system for helideck lighting, enabling external push-buttons for remote control
- Heating control functions, including delayed turn-on, power safe function, and alarm functionality

FEATURES

- DIN rail mounting
- 24 individual potential free contacts, 1 N/O contacts
- Built-in snubber network which allows termination of a wide range of communication cables, 100-250 Ohm characteristic impedance. End resistors shall not be used.
- Alarm input: 24VDC opto-isolated, 2 pcs.
- Alarm reset input: 24VDC opto-isolated

TECHNICAL DATA

Operating temperature:	+5 to +70 deg. C
Enclosure protection:	IP 20
Dimensions (WxDxH):	240x120x80mm
Weight:	0.83 kg
Control circuit:	
• Supply voltage:	18-32 VDC
• Communication:	RS-485. Cable impedance 100-250ohm. End resistors shall not be used.

Outputs	
Supply voltage:	0-240V AC/DC
Load:	Resistive or small inductive loads.
Max. load:	2 A (resistive load)
Fuses:	No fuses in module

APPROVALS AND STANDARDS

Tested according to IEC60945:2002

Currently undergoing testing and pending approval by Det Norske Veritas (DNV).

CE-marking

TEF 4500 COMMANDER UTILITY, 24 I/O INTERFACE MODULE

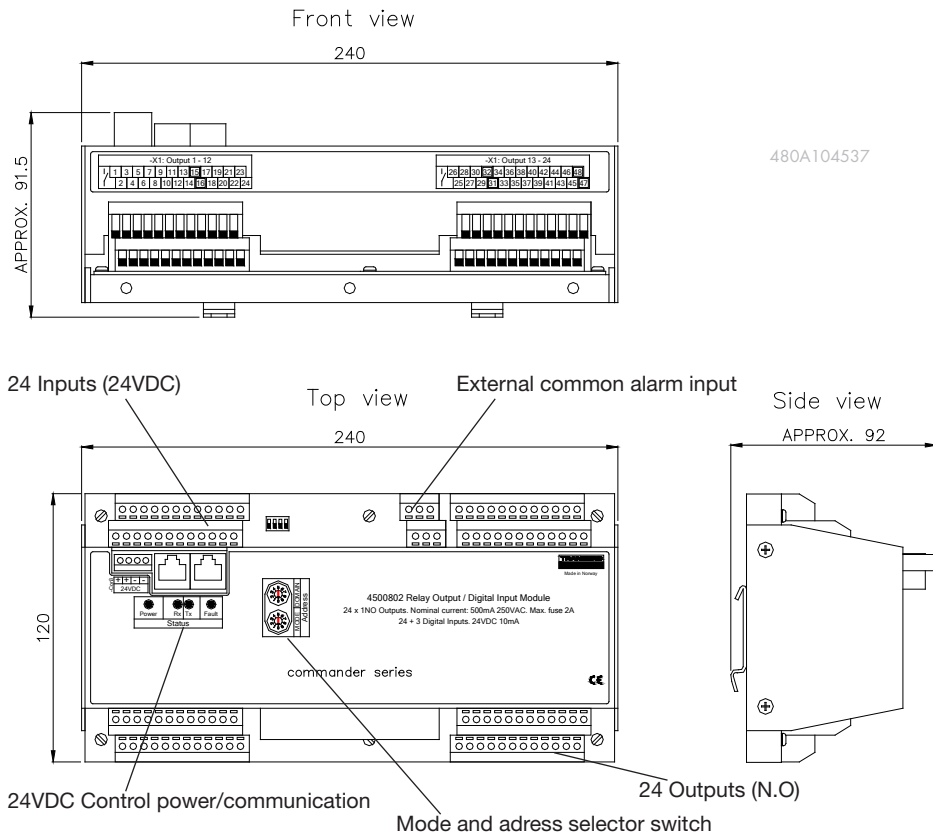
DESCRIPTION

24 I/O Interface module, 24 circuits

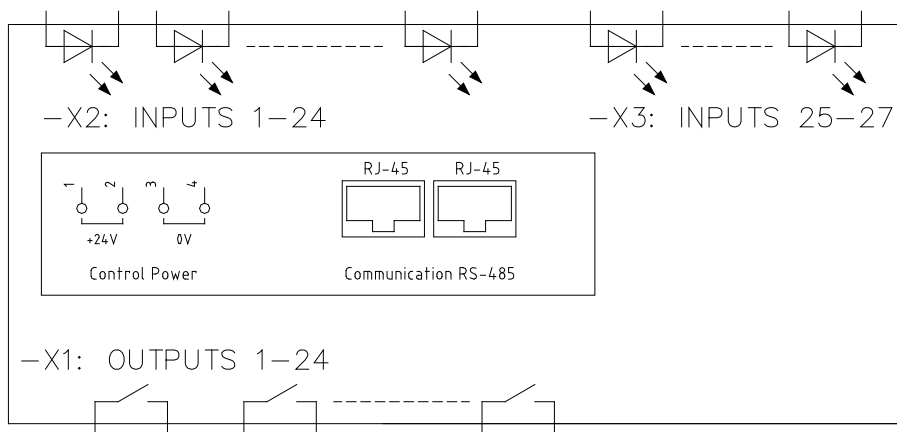
Part No.

4500802

DIMENSIONS



ELECTRICAL SCHEMATICS



000A104538



R. Stahl Tranberg AS

E info@stahl-tranberg.com | stahl-tranberg.com

Main office: Strandsvingen 6 | N-4032 Stavanger | Norway | T +47 51 57 89 00 | F +47 51 57 89 50

Office Oslo: Luhrtoppen 2 | N-1470 Lørenskog | Norway | T +47 24 08 44 10