

→ Application

- control and monitoring of airports, heliports and their equipment with use of the system AMS PICO
- control of two independent data transfer lines and maximum six airfield ground lighting systems

→ Description/Properties

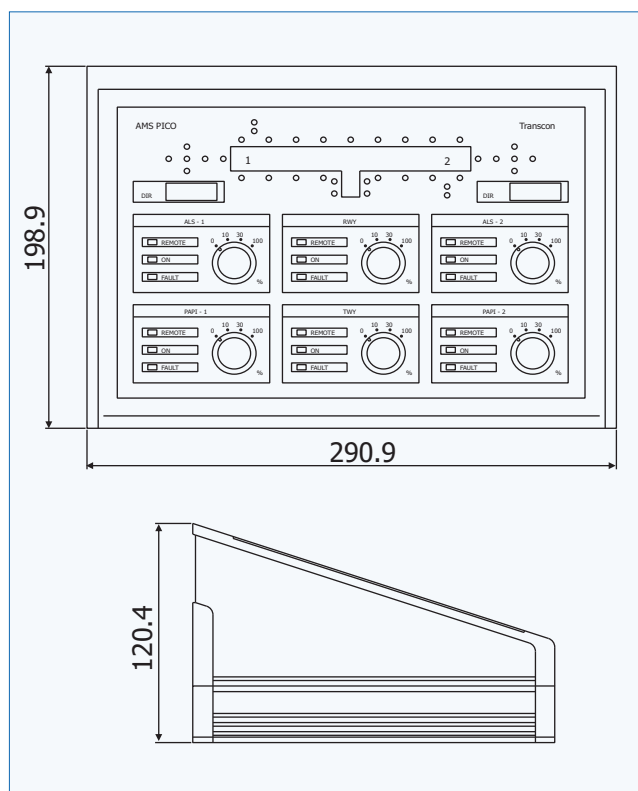
- box with control elements and signal LED diodes
- central unit of data transfer system DAP 128TC and other necessary functional and structural elements
- description of control and signal elements is effected with use of durable plastic foil with printmaking
- connectors for connection of power supply and data transfer line
- control element for regulation of LED diodes luminous intensity
- power supply from direct current source 20–30 VDC or from supplied source fed from mains 100–260 VAC
- range of controlled and monitored devices depends on modification of the control system itself

→ Mechanical parameters

- width 295 mm
- high 125 mm
- depth 200 mm
- weight 2,2 kg
- color gray (RAL 7035)

→ Technical parameters

- power supply input voltage 100–260 VAC
- supply voltage frequency 47–65 Hz
- max. power supply input power 25 W
- control panel input voltage 20–30 VDC
- max. control panel input power 15 W
- ambient temperature $-5/+40^{\circ}$
- air humidity at temp. $+25^{\circ}\text{C}$ max. 80 %
- protection (in operating condition) IP 20
- environment with normal external influences



Ordering codes

PSB-06.1 . Sx . Cx

Type series

Modification of front panel

- 0 power equipment
- 1 heliport
- 3 airports with simple approach system

Language version identification

- 1 Czech
- 2 English
- 3 German
- 4 Spanish
- 5 Russian

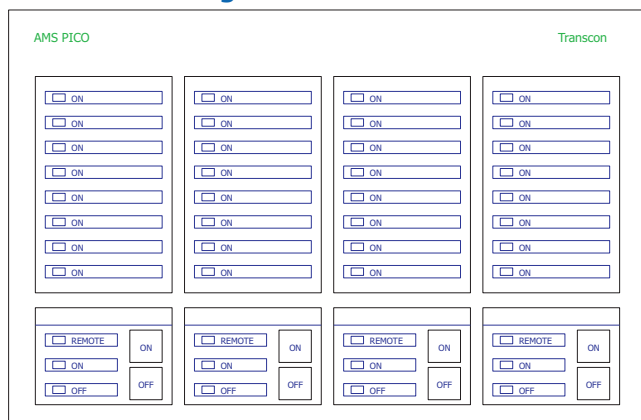
chapter:

2.4.3

PSB-06

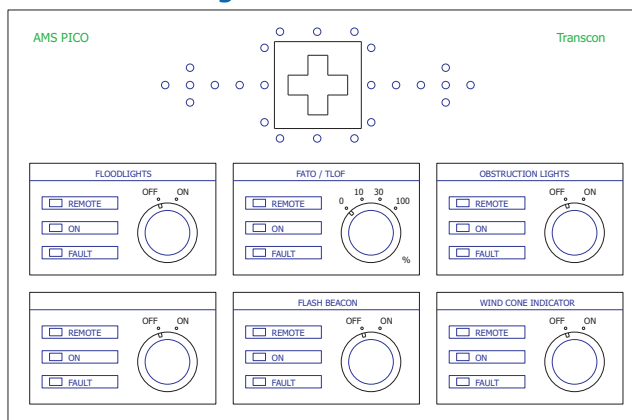


Panel diagram for modification S0



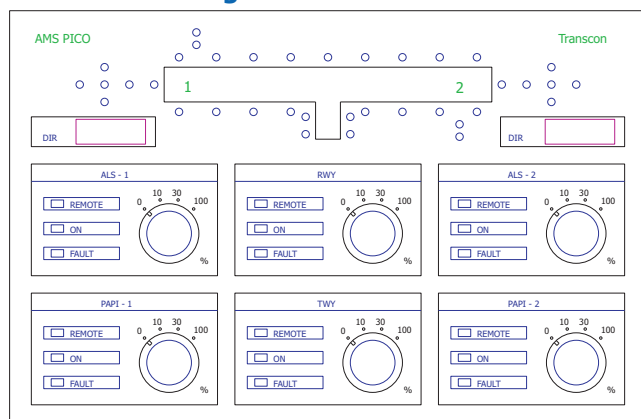
Monitoring and control of basic airport power devices (presence of voltage at transformer substations, state of main switches, operational and failure states standby back-up power sources, ...)

Panel diagram for modification S1



Monitoring and control of heliport devices equipped with constant current regulator for lighting of ALS, FATO, TLOF, HAPI and TWY, as well as control (switching ON/OFF) and monitoring of five devices (e.g. obstruction lights, area lighting, lighting of wind direction indicator, flashing beacon)

Panel diagram for modification S3



Monitoring and control of devices at the airports equipped with simple approach lighting system and control of constant current regulator in three luminous intensity degrees

Airfield ground lighting systems:

RWY, TWY, 2 x ALS, 2 x PAPI

→ Spare parts

No. for ordering	Designation	Description
905-111	PSU-06	Power supply for control panel PSB-06
903-211	BO-02	Oversvoltage protection for data transfer line DAP 128TC
800-654	DPS CUL-02	Line circuits of data transfer system DAP 128TC
800-655	DPS CUA-02	Power amplifier of data transfer system DAP 128TC
800-658	DPS CUB-02.P	Motherboard of control unit of transfer system DAP 128TC