



## Device description:

The device is the main controller in the system. It cooperates with two ATUT-NET buses, which enables data transmission. Based on an algorithm defined by user the device allows to control 6 executive circuits. Information board (synoptic), designed according to the requirements of client, shows operational status of each system parameter describing particular technological object. Separated LED display shows the status of chosen basic system functions, such as conversation, locking, emergency switches status etc. Build-in modem allows to exchange the data with surface, what enables the possibility of remote tracking each state of technological processes of supported machines and devices. Keyboard and large LCD display allow to configure the system as needed and the password system prevents unauthorized employees from operating the device.

**Technical characteristics:**

Certificate number of functional safety	OBAC/07/SIL/431
ATEX certificate number	FTZÚ 05 ATEX 0133
<b>Supply parameters:</b>	
Supply voltage	$U_N = 12,5 \div 15$ VDC
Power consumption	$I_N = 480$ mA
<b>Device parameters:</b>	
Binary input circuits	16 binary inputs of contacts control $U_H = 5V \ 5\%$ $U_L = 0 \div 0,25$ V $U_i = 15,8V$
Output circuits	6 transmitter outputs (derived two pairs of contacts) normally off for intrinsically safe circuits of current-voltage parameters: 42V AC/DC    1,5A
Lock lines	6 parametric lock lines
Build-in real time clock	HH:MM
<b>Normal working conditions:</b>	
Device category	I M2/M1
Casing type	Ex ib/ia I
Working temperature range	0°C ÷ 40°C
Casing protection degree	Ip54
Number of outlets / cable connectors	14
Width x Height x Depth	491 x 476 x 190 mm
Weight	25 kg