



## Device Description:

ATX422 module provides control of eight external executive devices with build-in transistors. For all receivers there is a common ground without galvanic separation. The module has independent certificate from certification body that confirms meeting the requirements of ATEX Directive, what allows the module to be used in any hardware configuration along with other PLC controller modules, matched to the customer needs. The construction of the module meets the requirements of IEC61131 norm in range of standardization of functional and operational features and programming process. To keep appropriate intrinsically safe feature the module should be placed in a casing providing at least IP54 protection degree and meeting the requirements of EN 60079-11:2012 norm.

## Technical characteristics:

ATEX certificate number	FTZÚ 13 ATEX 0167X
<b>Supply parameters:</b>	
Supply voltage $U_N$	6,5 ÷ 15 VDC
Maximum supply voltage $U_I$	15,8 VDC
Maximum supply current $I_I$	2,73 A
Maximum current draw from battery $I_{AK}$	
for version RS485 / I2C	< 10 mA
for version CAN	< 15 mA
Local communication bus	RS485 / CAN / I2C (possible versions of module implementation)
Transmission speed for interfaces:	
I2C	100 000 bps
RS485	9600, 19200, 38400, 57600, 115200 bps
CAN	20000, 50000, 125000, 250000, 500000, 1000000 bps
Number of external executive devices controlled with build-in transistors	8
<b>Normal working conditions:</b>	
Casing type	I M1 Ex ia I Ma module placed in device with Ip54 casing protection degree and meeting the requirements of EN 60079-11:2012 norm
Working temperature range	0 ÷ 60 °C