

Relay unit with eight relay outputs suitable for communication BACnet MS/TP

- Remote control of eight elements through communication BACnet MS/TP.
- Feedback about switch position and switching of relay.
- Manual output control with LED signaling.
- NO and NC based contact 6A.
- Pull out connectors for easy installation.
- Manual addressing and selection of baudrate.
- USB connector for Firmware upgrade.
- Easy installation into control cabinet.



TECHNICAL DATA

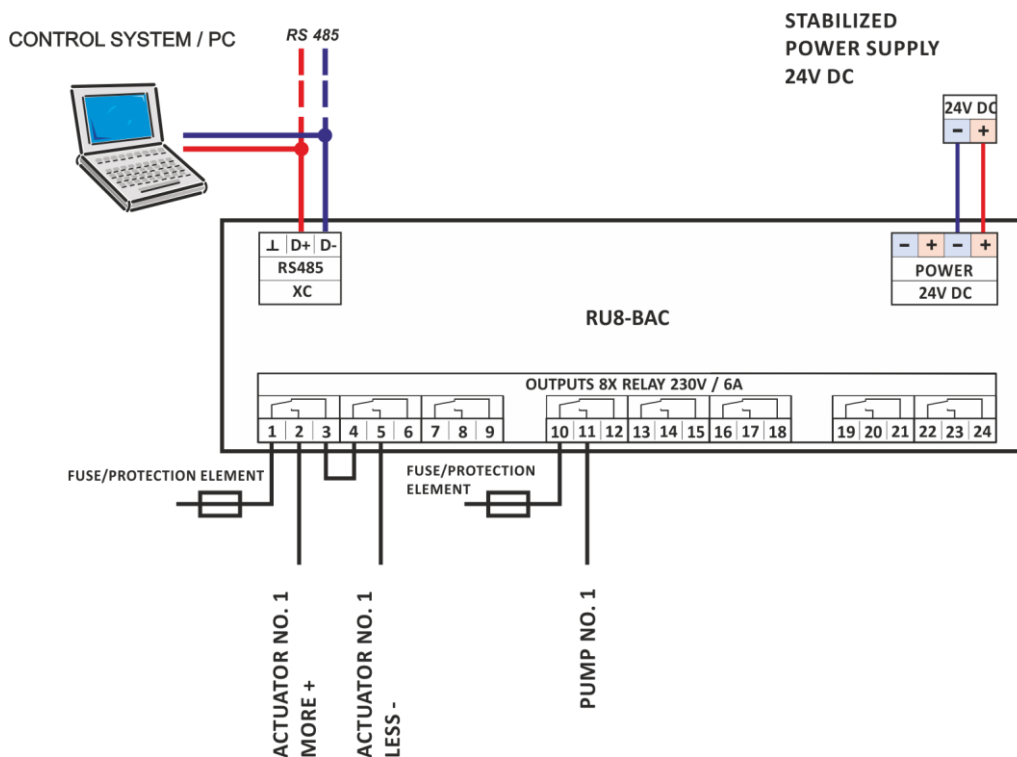
Electrical data	supply voltage	24V DC, (range 20V-27V DC)
	own device consumption	6W
	number of outputs	8
	common pole	no
	voltage	230V AC, use of one phase only
	max. switching current	6A AC
	galvanic isolation of power supply	yes, 500V
	manual control	yes (manually-on, manually-off, control through communication RS 485 protocol BACnet)
Outputs	indication	8x LED red colour
	max. size of connected conductors	2,5mm ²
Communication	communication protocol	RS 485 BACnet MS/TP
	baudrate	optional 9,6 kBd, 19,2 kBd, 38,4 kBd, 76,8 kBd
	address	0-127
	parity	no
	stopbit	1
	galvanic isolation of power supply	yes
	indication	yes LED yellow colour
Operating values	cover	IP 20
	operating temperature	0-40°C
	relative air humidity	max. 80 %

DESCRIPTION OF DEVICE FUNCTIONS

Relay unit RU8-BAC works with eight outputs relay. Control is via the line RS 485 on protocol BACnet with feedback state communication of all eight relays and position state of switch for manual control. Each relay can be controlled remotely or manually. These relays contain one NO and NC voltage-free contact for wider control use. Panel unit is fit with eight three-position switches that switch relays mode. The mode can be selected as automatic, it means the control is through BACnet, or manual mode on and off. Switching on the relay is indicated with lighting of the appropriate LED light.

ELECTRIC INSTALLATION

Device connection



PRODUCT DESCRIPTION

	Service supported	Initiate	Execute
Supported services	Who-Is	-	-
	I-Am	X	-
	Who-Has	-	X
	I-Have	X	-
	ReadProperty	-	X
	WriteProperty	-	X
	UnconfirmedCOVNotification*	X	-

*This service is not supported yet

	Number	Object name	Object type	Range of values	Factory setting
Supported objects	1	RU8BAC_ID	Device	-	-
	1	Watchdog_Timer	Analog Input 1	0 - 100	-
	1	MSTP_MAC_Address	Analog Input 2	1 - 127	-
	1	OFFSET_DEV_ID	Analog Value 1	0 - 4194177	1000
	8	RELAY_STATE_1..8	Binary input 1..8	0 - 1	-
	8	RELAY_SET_1..8	Binary output 1..8	0 - 1	0
	8	SWITCH_STATUS_1..8	Multistate Value 1..8	MANU_OFF MANU_ON AUTO	-
	1	COV_MODE	Multistate Value 10	OFF LOCAL GLOBAL	OFF