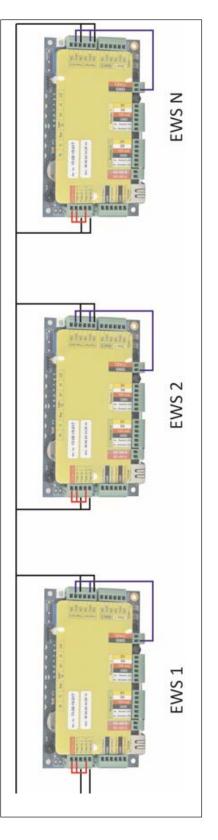




APPLICATION NOTE

This application note explains how to connect more than 2 doors in Mantrap in EWS system

Scheme for connection of the EWS for multi door mantrap





v.b1

Settings in the PROS for multi door mantrap

Set up all users to activate "Free output 2".

🍓 Users count: 89 Find user User name Card 1 User ID's (Card numbers) 5338682 Keycode 11112 Name Card 1 Card 10 Card 11 Usercode 30266 Site code 81 Basic Dutput control D Biometry Card 12 Card 13 Card 14 Card 15 Card 16 Card 17 Card 18 Card 19 Card 20 Card 20 Card 21 Card 21 Card 22 Card 23 Card 24 card 3 Card 4 Card 5 192.168.1.201 • BIOC-SW Free output1 2 Front Envance Reader1 - 10-06-02-026 Eree output1 - 10-06-02-026 Free output2 - 10-06-02-026 Reader2 - 10-06-02-026 Reader2 - 10-06-02-026 Free output2 - 10-06-02-026 3 Gate G MTPX-M 4 Card 6 Delete user New user Cancel Save changes Clear all Select all

Enable "Free output 1" and set to follow "door sensor 1" and "door sensor 2".

tais(192.100.1.)	201\1_Marketing\Output	s\Free output1	
Basic 🚫 A	tivated at Time zones	Auxillaries	
	I		
Follow Door sens	ors		
Door sensor			
	Save & Exit		

Enable "Free Input 1" and "Free Input2".

	(192.168.1.219()1-09-28-027)/nputs/input1 - 11-09-28-027		s\192.168.1.219\11-09- Enabled at Time zones	28-027\/inputs\/input2 - 11-09-28-027	×
Name Type Enable Fee alarm	Induition to activate 0 0/255 sac	Name Type Enable Fire alarm	Input2 - 11-09-28- NO		
	Save & Exit		5	eve & Exit	



Door 1 set to be disable by "Free input 1" and "Free input 2". Door 2 set to be disable by "Free input 1" and "Free input 2".

	OUTPUTS
When door is legally open activate	1 2
When door is forced open activate	1 2
When door is left open activate (Alarm 1)	
When door is open long activate (Alarm 2)	1 2
When Push button pressed activate	□1 □2
Disable door by input	

"ON Time" for the Free Output 2 to be equal or larger then "Lock Release Time" of the doors (ON Time = Lock Release Time + 1sec. recommended).

Enable "Free Output2" and "Free Output1".

Basic OA	Auxillaries	and the second se	120 KONSTANSIA 220
		Door enabled	Enabled by Time zones
ame	Free output2 - 12-06-28-001	Name	Door1 - 12-06-28-001
N time (0=toggle	e, 1-255 sec pulse))	0
nable		Lock release time	4 1-255sec, 0-Toggle mode)
		Door left open allowed time (Alarm 1)	5 (1-255sec, 0=disable)
		Door opened too long time (Alarm 2)	2 (1-255min, 0=disable)
		Enable door sensor	U
		Door sensor type (state at closed door)	NC NC
		Push button type	NC O ONO
		Push button enabled	Enabled by Time zones

In the Controller/Properties/Advanced Tab/ "Mantrap door" 1 and 2 checked

rtals\192.168.1.201\1_Marketing		
Properties 🚫 Time zones 💰 Holio	days 🛛 💥 Advanced 🔏 APB	
Users/Events capacity	1000/30000 Set contro	oller
Recycle events 🕑		
Engole communication	20020	
Mantrap doors		
	Save & Exit	



EXPLANATION:

When user presents a card on any of the readers, access will be granted, the door will be open and Free Output 2 will be activated. The Free output 2 is wired directly to Free Input 1 and 2, which will disable all the doors (since the doors are set to be disabled by any Input). In this state, if card is presented on any reader nothing will happen since the doors are disabled. From the other hand, Free Output 1 is set to follow the state of any Door sensor, which means when the door sensor is closed (Door Closed), Free Output 1 will be activated, and that output will enable all the doors.

All product specifications are subject to change without notice.

