

Ordering System Order Builder Module Help

CONTACT SUPPORT:

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GENERAL INFORMATION

SIMPLWINDOWS NAME:	Ordering System Order Builder V1.0
CATEGORY:	Miscellaneous
VERSION:	1.0
SUMMARY:	Used to build room's order to have the ordering service capability, the module is used to create, modify, cancel, and send order to the central service room
CRESTRON HARDWARE REQUIRED:	3-series & 4-series processors only
SETUP OF CRESTRON HARDWARE:	N/A
CABLE DIAGRAM:	N/A

NOTES:

General Notes:	<ul style="list-style-type: none">In order for the module central service room to identify the origin of each order, this module needs to know the ID for the associated room, this information is stored in a local data file for room list, these data are read from the local file using the Ordering System Rooms Manager module, so to make sure of data integrity, the room ID should be passed from the Ordering System Rooms Manager module to this module
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CONTROL:

room_id	S	Use to set the room ID, this ID is required for the central service room to identify the origin of the order, this string should be connected to the corresponding ID from the Ordering System Rooms Manager module
create_order	D	Pulse to create the order data string and send it to the central service room, the order is created from the items added to this module using the add_item signal below
cancel_order	D	Pulse to cancel current order, the behavior of this signal will depend on the status of the order, which are: <ul style="list-style-type: none"> - If order was composted but not yet sent, order data will be cleared from the module so user can start from scratch - If order was created and sent to central service room, order will be marked as canceled and sent to the central service room to indicate that the order is canceled - If order is being modified after sent to the central service room, current modifications will be canceled, and order will revert to what was sent to the central service room before modification
order_id	S	Use to set the order ID as set be the Ordering System Orders Manager module, this signal should be linked to the data from that module, this is applicable only if order was sent to central service room
order_status_from_orders_manager	A	Use to set the order status as set be the Ordering System Orders Manager module, this signal should be linked to the data from that module, this is applicable only if order was sent to central service room <u>Possible values:</u> 0: Order is blank or empty 1: Order is composed or modified, but not yet sent to central service room 2: Order is created and sent to central service room 3: Order is modified/updated and sent to central service room 4: Order is being prepared by the central service room 5: Order is on the way 6: Order is completed and fulfilled 7: Order is canceled by the user
item_number	A	Use to set the item number selected from the order item list, this signal is mainly used in conjunction with the delete_item to remove item from order
item_data_string	S	Use to set the ordered item data, these data contains the item information and the required quantity, these data is composed using the Ordering System Order Item Data Encoder module, that's why this signal should be connected to the output of the Ordering System Order Item Data Encoder module, currently this signal is only used in conjunction with the add_item signal to add item data to order
add_item	D	Pulse to add the item data sent to the item_data_string signal to the order's item list, using these 2 signals together will enable to add items to order's item list
delete_item	D	Pulse to delete item from the order's item list, the item number/index is passed to the item_number signal
get_item_data_string	D	Pulse to get item data for the selected item from the order's item list, the item number/index is passed to the item_number signal, extracted data will be sent through the target_item_data_string signal

FEEDBACK:

order_data_string	S	Displays the composed order data string, these data should be sent to the Ordering System Orders Manager module to send it to the central service room The data on this signal will change when the create_order or cancel_order signals are triggered
order_status	A	Displays the status of the order based on the changes done on the order, either using this module or the Ordering System Orders Manager module Possible values: 0: Order is blank or empty 1: Order is composed or modified, but not yet sent to central service room 2: Order is created and sent to central service room 3: Order is modified/updated and sent to central service room 4: Order is being prepared by the central service room 5: Order is on the way 6: Order is completed and fulfilled 7: Order is canceled by the user
target_item_data_string	S	Displays the item data for the selected item from the order's item list, these data are encoded data containing the item information and quantity, this signal should be passed to Ordering System Order Item Data Decoder module to get a user readable information
items_count	A	Displays the total number of items added to order
item_*_data_string	A	Displays the item data string for all items added to order, these data are encoded data containing the item information and quantity, this signal should be passed to Ordering System Order Item Data Decoder module to get a user readable information and show on the touch panel

TESTING:

OPS USED FOR TESTING:	3-Series: v1.601.3934.21185
SIMPL WINDOWS USED FOR TESTING:	4.14.20
DEVICE DB USED FOR TESTING:	200.01.001.00
CRES DB USED FOR TESTING:	200.00.004.00
SYMBOL LIBRARY USED FOR TESTING:	1113
SAMPLE PROGRAM:	Ordering System V1.0 Demo DIN-AP3
REVISION HISTORY:	V1.0 Initial Release