ITR830-005 - SAMSUNG NASA AC - KNX GATEWAY
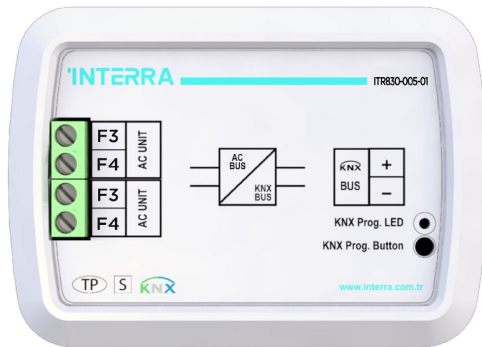
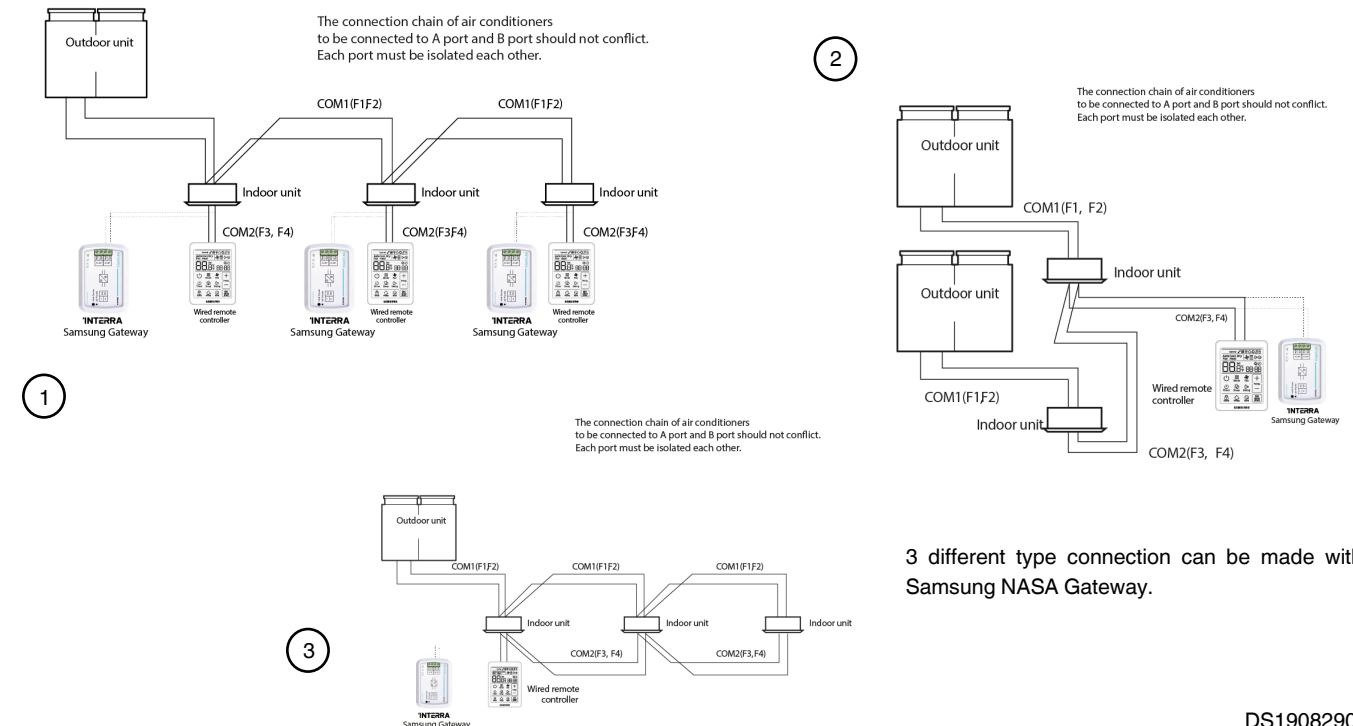| Device	ITR830-005
Power Supply	EIB Power Supply
Power Consumption	10 mA
Push Buttons	1 x KNX Programming Button
LED Indicators	1 x KNX Programming LED
Type of Protection	IP 20
Cable Distance	Max 300 m
Mode of Commissioning	S-Mode
Maximum Air Humidty	<90RH
Temperature Range	Operation (-10°C…70°C) Storage (-25°C…100°C)
Flammability	Non-flammable product
Colour	Light Grey
Dimensions	88x62x27 mm (WxHxD)
Certification	KNX Certified
Configuration	Configuration with ETS

DESCRIPTION

ITR830-005 is a air conditioner gateway that used for monitoring and control all the functioning parameters of Samsung NASA air conditioners via KNX bus line.

Samsung NASA AC - KNX Gateway has easy installation feature and can be installed inside the own AC indoor unit or a proper location away from the air conditioner, it connects one side directly to the electronic circuit of the AC indoor unit and in the other side directly to the KNX bus. In addition, according to the model number, Samsung NASA Gateways can control 1, 1-4, 4-8, 8-16 or 16-32 number of air conditioners at the same time. Besides, logic and converter parameters can be used for energy savings, configurable scenes, temperature limits etc.

Note : The air conditioner must remaining off while at mode transitions between heating and cooling.

CONNECTION DIAGRAM

FUNCTIONS

- ITR830-005 device, can control air conditioners synchronously with multicast functionality or independent of each other.

- Includes 4 logical advanced parameters, each logical parameter have up to 4 inputs and can be configured as AND, OR & XOR.

- Includes 8 advanced converter parameters, each converter has four operations math calculations according to input type.

- Logic and converter parameters can be used for energy savings, configurable scenes, temperature limits etc.

- Samsung NASA air conditioner unit provides error notifications for errors that may occur in exceptional cases.

- Air conditioners 1-16 should be connected to port A, and air conditioners 16-32 to port b. However, a and b ports must be isolated from each other.

3 different type connection can be made with Interra Samsung NASA Gateway.

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