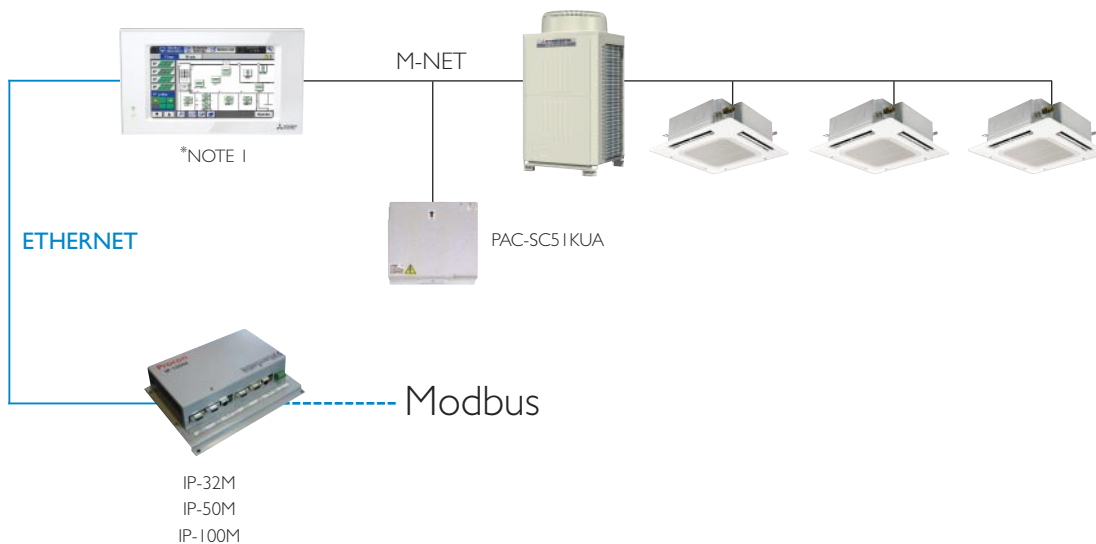


BEMS Modbus Interfaces

Procon™ IP-32M / IP-50M / IP-100M

To further compliment the existing control and interface product ranges being offered by Mitsubishi Electric to support their air conditioning systems, the Modbus range has been developed to accommodate the typical end-user needs as experienced within the UK market.



Technical Information

MODBUS INTERFACES

FUNCTION	IP-32M	IP-50M	IP-100M	COMPATIBLE WITH
MAX No. OF INDOOR UNITS	32	50	100	Trend via Synapsys SXNC200 Cylon Satchwell Crestron (Home automation) Invensys Interactive Homes North BT Andover Siemens
POWER SUPPLY	24VAC 0.5A	24VAC 0.5A	24VAC 0.5A	
COMPATIBILITY	City Multi Mr Slim via PAC-SF81MA M Series via MAC-399IF	City Multi Mr Slim via PAC-SF81MA M Series via MAC-399IF	City Multi Mr Slim via PAC-SF81MA M Series via MAC-399IF	
DIMENSIONS - mm (WxDxH)	270x75x210	270x75x210	270x75x210	

MODBUS INTERFACE UNITS - OPERATIONAL INFORMATION

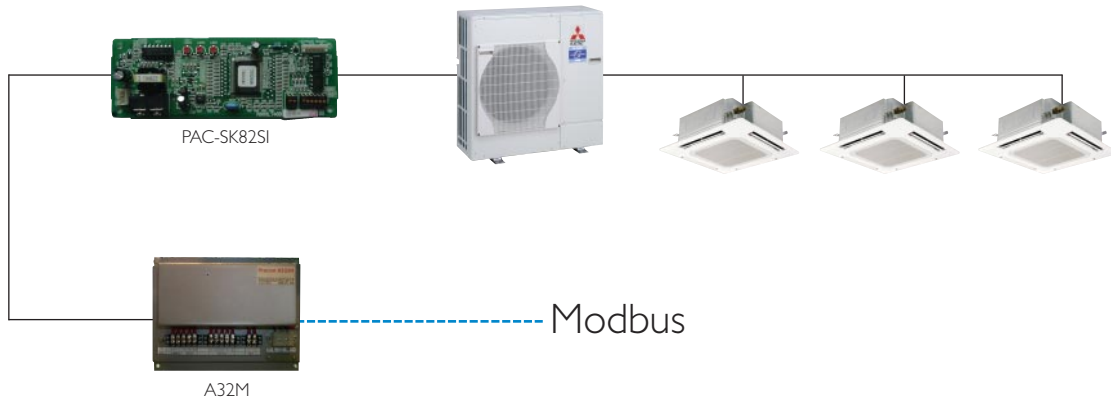
FUNCTION	NETWORK VARIABLE	MODBUS
Control		
	On/Off	Run/Stop
	Mode Operation	Cool / Dry / Heat / Auto / Fan
	Setpoint Adjustment	Cooling 19-30°C Heating 17-28°C Auto 19-28°C
	Fan Speed Control	Lo-Mi1-Mi2-Hi
Monitor		
	On/Off	Run/Stop
	Mode Operation	Cool / Dry / Heat / Auto / Fan
	Setpoint Adjustment	Cooling 19-30°C Heating 17-28°C Auto 19-28°C
	Fan Speed Control	Lo-Mi1-Mi2-Hi
	Fault Code	4 Character code – Indicates all unit alarms
	Room Temperature	-

*NOTE 1: Applicable with AG150 / PAC-SC51KUA or GB50 / PAC-SC50KUA

BEMS Modbus Mr Slim Interface

Procon™ A32M

To further compliment the existing control and interface product ranges being offered by Mitsubishi Electric to support their air conditioning systems, the Modbus range has been developed to accommodate the typical end-user needs as experienced within the UK market.



Technical Information

MODBUS MR SLIM INTERFACE

FUNCTION	A32M	COMPATIBLE WITH
MAX No. OF INDOOR UNITS	32	Trend via Synapsys SXNC200
POWER SUPPLY	240VAC 0.5A	Cylon
COMPATIBILITY	Mr Slim via PAC-SK82SI	Satchwell
DIMENSIONS - mm (WxDxH)	270x75x210	Crestron (Home automation)
		Invensys
		Interactive Homes
		North BT
		Andover
		Siemens

MODBUS MR SLIM INTERFACE - OPERATIONAL INFORMATION

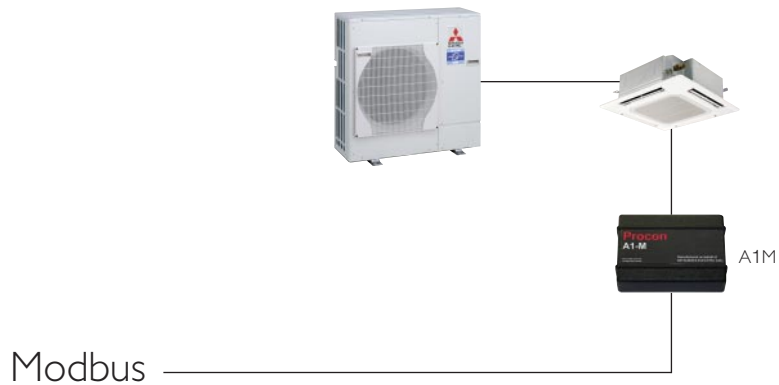
FUNCTION	NETWORK VARIABLE	MODBUS
Control		
	On/Off	Run/Stop
	Mode Operation	Cool / Dry / Heat / Auto / Fan
	Setpoint Adjustment	Cooling 19-30°C
		Heating 17-28°C
		Auto 19-28°C
	Fan Speed Control	Lo-Mi1-Mi2-Hi
Monitor		
	On/Off	Run/Stop
	Mode Operation	Cool / Dry / Heat / Auto / Fan
	Setpoint Adjustment	Cooling 19-30°C
		Heating 17-28°C
		Auto 19-28°C
	Fan Speed Control	Lo-Mi1-Mi2-Hi
	Fault Code	4 Character code – Indicates all unit alarms
	Room Temperature	-

NOTE: Not available on SEZ / SLZ

BEMS Modbus Splits Interface

Procon™ A1M

To further compliment the existing control and interface product ranges being offered by Mitsubishi Electric to support their air conditioning systems, the Modbus range has been developed to accommodate the typical end-user needs as experienced within the UK market.



Technical Information

MODBUS SPLITS INTERFACE

FUNCTION	A1M	COMPATIBLE WITH
MAX No. OF INDOOR UNITS	1	Trend via Synapsys SXNC200 Cylon Satchwell
COMPATIBILITY	M Series Mr Slim	Crestron (Home automation) Invensys Interactive Homes
DIMENSIONS - mm (WxDxH)	72x27x50	North BT Andover Siemens

MODBUS SPLITS INTERFACE - OPERATIONAL INFORMATION

FUNCTION	NETWORK VARIABLE	MODBUS
Control		
	On/Off	Run/Stop
	Mode Operation	Cool / Dry / Heat / Auto / Fan
	Setpoint Adjustment	Cooling 19-30°C Heating 17-28°C Auto 19-28°C
	Fan Speed Control	Lo-Mi1-Mi2-Hi
Monitor		
	On/Off	Run/Stop
	Mode Operation	Cool / Dry / Heat / Auto / Fan
	Setpoint Adjustment	Cooling 19-30°C Heating 17-28°C Auto 19-28°C
	Fan Speed Control	Lo-Mi1-Mi2-Hi
	Fault Code	4 Character code – Indicates all unit alarms
	Room Temperature	-