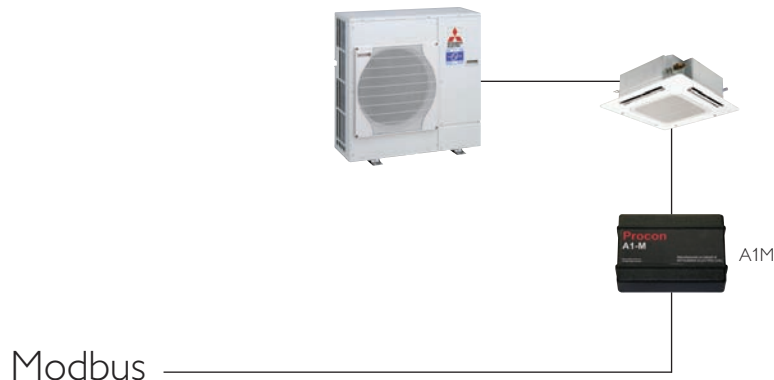# BEMS Modbus Splits Interface

Procon™ A1M

To further complement 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.

Modbus

MODBUS SPLITS INTERFACE

FUNCTION	A1M	COMPATIBLE WITH
MAX No. OF INDOOR UNITS	1	Trend via Synapsys SXNC200
CENTRALISED CONTROLLER REQUIRED	No	Cylon
		Satchwell
COMPATIBILITY	M Series Mr Slim	Crestron (Home automation)
		Invensys
		Interactive Homes
BEMS CONNECTION	Serial RS485	North BT
		Andover
DIMENSIONS - mm (WxDxH)	72x27x50	Siemens

MODBUS SPLITS INTERFACE - OPERATIONAL INFORMATION

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