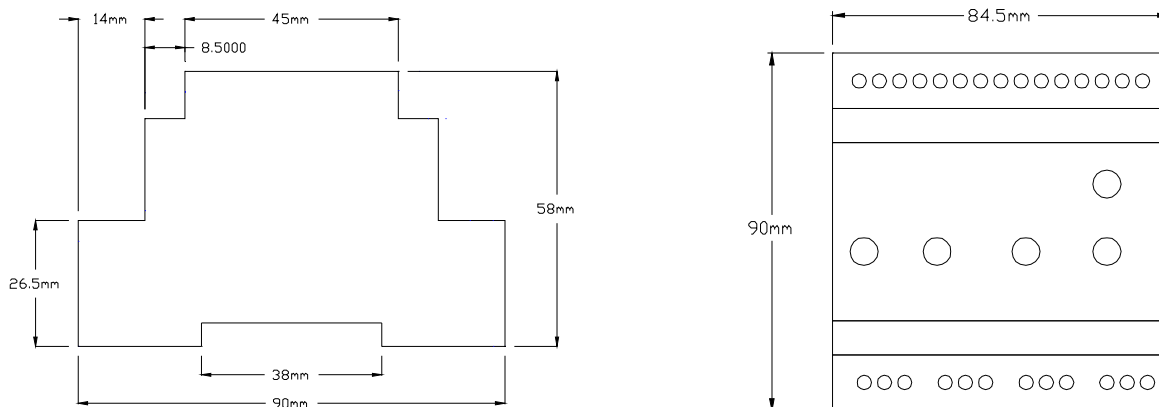


About the Adam SMARTbuilding Solution:

ADAM SMARTbuilding solutions are web enabled wireless building energy management systems that deliver best practice estates management, reducing energy consumption, maintenance costs and carbon emissions.

About the SMARTcontroller 4:

The SMARTcontroller 4 is a wirelessly controlled relay switching and input channel monitoring device. It has four relay outputs for switching of circuits and its analogue input channels allow for monitoring of conditions such as light level and temperature. It also has 6 digital input channels with selectable operation either for a 0-50V DC input or volt-free contacts.



Device	Technical		Environmental	
ASD05 SMARTcontroller 1	Range	Wireless range of approx. 50m within buildings, 200m line of sight Signal Hopping through mains powered Adam wireless devices to extend range	Operating Temperature	-10°C to 60°C
	Communications	RF frequency range: 433.23 – 434.35 MHz or 868-870 MHz and 902-928 MHz RF Power Output: 10mW (433.23 – 434.35 MHz) 1mW (868 – 870 MHz) 1mW (902 – 928 MHz)	Storage Temperature	-30°C to 85°C
	I/O Connectivity	4 Relay Contacts (Common / Normally Open / Normally Closed) Max. 8A at 240VAC, 8A at 30VDC 2 Analogue Input Channels suitable for 10k Thermistor bead 6 Digital Input Channels suitable for either volt-free inputs or 0-50VDC inputs	Cooling	Convection Cooled
	Power	Supply: 12VDC Supply Current: 40mA to 500mA Ripple/Noise: 50mV p-p Max	Operating Humidity	20-80% RH
	General	Dimensions: W 90mm x H 58mm x D 84.5mm	Shock	4G, 22ms, X, Y & Z axis
	Mounting	DIN Rail Mountable	Vibration	1G, 10Hz to 500Hz, X, Y & Z axis