



Auto Sash Controller Series Specification

	Tiptronic Auto Sash Controller	Options & Features
Power Supply	100-240VAC 50/60Hz 3A	2M Power lead with plug in connector
Keypad	16*2 Backlit LCD display with Pushbuttons	a. UK single gang socket (85mm x 85mm) version b. US single gang socket (3"x2") version
Drive Motor assembly	PWM output DC Motor & Clutch	a. Chain and Sprocket Shaft drive b. Sash wire Pulley drive c. Rack & Pinion sash direct sash drive
Personnel Sensor	PIR with background re-learn function	
Sash Position sensor	Steel wire sprung potentiometer	a. 1M length for Bench type F/C's b. 3M Length for Walk In type F/C's
Sash Sensor	PIR sensor with Glass detection	a. Light Curtain (retro fit & new build types) b. Under the sash retro-reflective (single sensor)
Tilt Switch	Tilt switch input to inhibit controller if access panel is open	
Field Set up	Menu calibration and setup with Password protection	Menu adjustment of motor speed/ time delays etc.
BMS Inputs	4 Programmable Volt free Inputs	a. Open sash b. Close sash c. Fire Alarm (close sash) d. Emergency open/close sash
BMS Outputs	4 Programmable Volt free Outputs 1 x 0-10/1-10/0-5/1-5V (sash position) 1 x 0-20/4-20mA (sash position)	a. Always Open/Closed b. Open/Close on sash fault alarm c. Open/Close on user detected d. Open/Close on obstruction detected e. Open/Close on sash open/closed f. Remote audible alarm
Control Functions	Sash operation	a. Manual sash operation (when user detected) b. Tiptronic "touch sensitive" open/close c. Auto close (unoccupied condition) d. Auto open (pushbutton enable feature) e. Keypad Pushbutton open/close f. Footswitch open/close (optional) g. BMS input open/close
Alarms	Audible / visual indication	a. Obstruction detected b. Sash fault
Status Indication	Keypad LCD display	Sash status (user present/open/closing/closed etc)
Connections	Flying leads with plug in connections	(All cable lengths can be specified)
Agency Listings	CE RoHS	