



Airwave

Activation

Sleek, Hygienic, Touchless Automatic Door Activation Switch

Non-Touch door activation switch designed for installations where hygiene is of paramount importance such as white room, food processing and chemical industry applications



- **Hygienic Door Activation**
Adjustable touchless detection range from 0-10cm
- **Visually Prominent**
Eliminate pedestrian confusion with Airwave's highly visible "White Light" LED
- **DDA Regulation Compliant (UK Customers)**
Touchless control combined with audio and visual signals assist in compliance with the Disability Discrimination Act 1995
- **Compact size**
Extremely small, light and durable



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Technical Specification

Range Available



ST-ARV-010-002
82(W) x 82(H) x 28mm(D) with
wheelchair symbol



ST-ARV-020-001
82(W) x 102(H) x 25mm(D) with
wheelchair symbol & "Touch To
Open" text



ST-ARV-020-005
82(W) x 102(H) x 25mm(D) with
hand symbol



ST-ARV-050-001
110mm diameter with
wheelchair symbol &
"Touch To Open" text



ST-ARV-050-005
110mm diameter with hand
symbol

Model	ST-ARV Non Touch Switch Range	
Detection Method	Capacitance Detection Technology	
Detection Range	1 to 10cm	
Power Supply	12 to 24V AC or DC \pm 10%	
Power Consumption	Max < 55mA, typically about 15mA	
Output Relay	C-type relay	
Relay Hold Time	Approx. 0.5 sec	
Output Hold Time	0.6 - 50sec adjustable	
Response Time	50ms	
Sensitivity Adjustment	Potentiometer 10% to 100%	
Sound Adjustment	Potentiometer 10% to 100%	
LED Indication	Detection: LED is ON for 1s	
	Standby: you can chose one from 11 programs by pushbutton	
	1. 0.50s ON, 0.50s OFF – (blinking 1Hz)	
	2. 0.25s ON, 0.25s OFF – (blinking 2Hz)	
	3. 0.10s ON, 0.10s OFF – (blinking 5Hz)	
	4. 0.50s ON, 0.05s OFF – (blinking 10Hz)	
	5. 0.10s ON, 0.50s OFF – (one long flash and pause)	
	6. 0.05s ON, 0.50s OFF – (one short flash and pause)	
	7. 0.10s ON, 0.10s OFF, 0.10s ON, 0.50s OFF	
	– (two long flashes and pause)	
	8. 0.05s ON, 0.10s OFF, 0.05s ON, 0.50s OFF	
	– (two short flashes and pause)	
	9. 0.10s ON, 0.10s OFF, 0.10s ON, 0.10s OFF, 0.10s ON, 0.50s OFF	
	– (three long flashes and pause)	
	10. 0.05s ON, 0.10s OFF, 0.05s ON, 0.10s OFF, 0.05s ON, 0.50s OFF	
	– (three short flashes and pause)	
	11. OFF	
Operating Temperature	-20°C to +55°C, (-4°F to 131°F)	
Weight	ST-ARV-010-002	95g
	ST-ARV-020-001	110g
	ST-ARV-020-005:	110g
	ST-ARV-050-001	45g
	ST-ARV-050-005:	45g
Available Colours	White & Blue: Product Code = ST-ARV-010-002 (Wheelchair logo)	
	White & Blue: Product Code = ST-ARV-020-001 (Wheelchair/Touch To Open)	
	White & Blue: Product Code = ST-ARV-020-005 (Hand Symbol)	
	White & Blue: Product Code = ST-ARV-050-001 (Wheelchair/Touch To Open)	
	White & Blue: Product Code = ST-ARV-050-005 (Hand Symbol)	
Accessories Provided	2mm Hex Key	
	Installation Instructions	