Technical Data
A724 addSWITCH

ADCON

A724 addSWITCH Series 4 Valve Controller

- **Device type**
  Remote Transmission Unit

- **Product highlights**
  IP-67; Ultra low power design; Wireless remote irrigation control for up to four latching solenoids; 1km radio range

- **Data transmission**
  Radio communication (432-470MHz), 10mW

- **Sensor interfaces**
  1 analog 0 ... 1/2,5VDC; 4 pulse counter (4x 30Hz counters); 4 latching solenoids (voltage programmable 5,5 ... 15VDC)

Opening and closing irrigation valves, starting and stopping other devices remotely is exactly what the A724 addSWITCH Series 4 was designed to do. You no longer need to go on site to activate that latching solenoid - sending a simple radio command to your addSWITCH will do the job!

Mechanics:	
Case	Aluminum, powder coated
Dimensions	119 x 79x 60 mm / 4,7 x 3,1 x 2,4 inch
Weight	680g / 1,5 lb
Protection Type	IP-67
Connectors	1 x Switchcraft 6-pin female to solenoids 1 x Binder M9 7-pin female to pulse counters and analog port 1 x Binder M9 5-pin female to solar panel / power source

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Mounting	Mast mounting bracket, ideal for 40mm pole sets
Operating temperature	-30°C … +70°C / -22°F … +158°F
Accessories supplied	1 x 50cm cable Switchcraft connector for 4 solenoids 1 x 32-50mm cable clamp to mount RTU to pole

Logger:	
Power Supply	Internal 6.2V NiMH battery, 2.1Ah, charged by solar panel or mains adaptor
4 Valve outputs:	To operate latching solenoids with DC voltages from 5.5V to 15VDC
4 Counter inputs:	For standard reed switches as used e.g. in rain gauges or water meters with up to 30 pulses per second, min. pulse length 17ms, min. break time 17ms
1 Analog input:	To connect one single ended analog sensor, 0-2.5V output signal, output provides sensor excitation with battery voltage
Memory	16KB for up to 10.000 values

Data transmission:	
Transmission Distance	max. 1.000 m / 3.000 ft., depending on topography
Tx Output Power	10mW
Rx Sensitivity	-110dBm
Operating frequency	432 - 470MHz
Antenna	omnidirectional; flexible
Approvals	R&TTE, CE, FCC, Industry Canada, ACMA Australia

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