

DC-18SL Door Contact

Exceptional Features.
Maximum Protection.



- Industry-Leading RF Technologies
- Long Battery Life
- Built-In Extension Terminal

DC-18SL door/window transmitter powered by pre-inserted Lithium battery is designed to monitor the opening/closing of windows or doors and to alert the control unit to any irregular activities.

Adopting Climax's industry-leading RF technologies, DC-18SL is capable of delivering super speed signal transmission and record-breaking radio communication range. With fast RF transmission mechanisms, the battery life of the device is further extended to lengthen the usage time and reduce maintenance costs. The astonishing capability to communicate with the control panel across vast expanses provides greater installation flexibility, making DC-18SL not only suitable for residential premises but commercial premises as well.

DC-18SL's external input terminal allows normally closed dry circuits from standard hardwire sensors to be connected, thereby functioning as a universal transmitter. Furthermore, an enclosed PCB tamper switch provides tamper protection against unauthorized opening or removal. DC-18SL also sends low battery signals and regular supervision signals to check system integrity.

Features

- Super speed signal transmissions
- Compatible with AC powered F1 control panels (F1 models only)
- Compatible with battery operated F2 control panels (F2 model only)
- Long battery life
- Extension terminal allows wired devices to be connected; serving as a universal transmitter
- Record breaking signal communication range to enhance installation flexibility
- Powered by pre-inserted Lithium battery
- Mounted on door or window frame
- Tamper protection against unauthorized removal, sabotage or unsteady installation
- Randomized supervision signals to check system integrity and trouble shooting
- Low battery detection
- Powerful magnet allows for an overall side-to-side gap distance of 18 mm
- LED serving as fault and test mode indicator
- Compliant with CE requirement

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Specifications

F1 Model

	F1 433	F1 868
Battery (Pre-Inserted)	3V CR123A Lithium battery	3V CR2 Lithium battery
Battery Life	Using external terminal : 15 years* Without using external terminals: 17 years*	Using external terminals: 10.8 years* Without using external terminals: 9.9 years*
Frequencies Available	433 MHz	868.6375 MHz
External Input	Accepts N/C dry contact devices	Accepts N/C dry contact devices
Operating Temperature	-10° to 45°C	-10° to 45°C
Operating Humidity	Up to 85% non-condensing	Up to 85% non-condensing
Dimensions (L x W x H)	78 x 39 x 26.5 mm (without mounting bracket) 78 x 39 x 29 mm (with mounting bracket)	78 x 39 x 26.5 mm (without mounting bracket) 78 x 39 x 29 mm (with mounting bracket)

F2 Model

	F2 868
Battery (Pre-Inserted)	3V CR2 Lithium battery
Battery Life	Using external terminal: 7 years* Without using external terminals: 6.5 years*
Frequency Available	868.6375 MHz
External Input	Accepts N/C dry contact devices
Operating Temperature	-10° to 45°C
Operating Humidity	Up to 85% non-condensing
Dimensions (L x W x H)	78 x 39 x 26.5 mm (without mounting bracket) 78 x 39 x 29 mm (with mounting bracket)

*Note: Battery life is calculated at 20 activations per day. Actual battery life may vary with product settings, usage patterns and operating environment.

Ordering Information

DC-18SL-F1 Compatible only with AC powered F1 control panels; 433 and 868.6375 MHz RF options available

DC-18SL-F2 Compatible only with battery operated F2 control panels; 868.6375 MHz RF option available