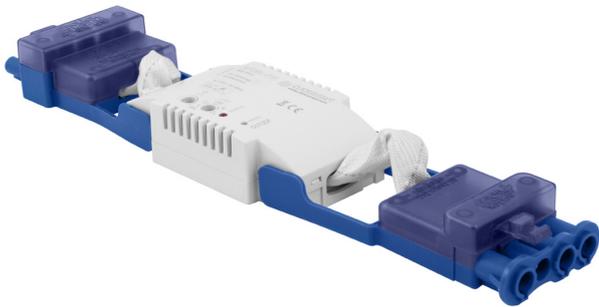


## RFDEL-71F - Dimming Receiver 160W Max With Pre-Wired Flow Housing



- Compatible with all Click Flow connectors and distribution boxes within the range. Can be controlled by up to 32 transmitting devices.
- Will dim up to 160W of most dimmable LED's, CFL's, mains and low-voltage halogen lights with a dimmable transformer as well as standard tungsten filament
- Load selection control. For LED sources, either LED or capacitive load can be selected providing a higher percentage of compatibility
- Rotary 'trim' control gives adjustment so the lights can remain slightly ON and also eradicate flickering which may occur at the bottom end of dimming
- 7 programmable functions: 6 various dimming functions plus ON/OFF
- Easy operation: short press will turn the light ON or OFF, a long press dims the lights UP or DOWN to the required level
- Electronic over-voltage protection - switches off the output when the dimmer is overloaded or open circuit
- The programming is performed by using the button 'PROG' which also acts as a manual override

### Technical Details

Supply voltage:	230V AC / 50Hz
Apparent consumption:	1.1 VA
Dissipated power:	0.8W
Tolerance of supply voltage:	+10 -15 %
Connection:	4 Pin Click Flow Male / Female Connector
Resistive load:	160W
Capacitive load:	160W
Inductive load:	160W
Packet from transmitter:	868 MHz
Manual control:	PROG (ON/OFF), external button
Range in open space:	up to 160M
Operational temperature:	-20 °C to +35 °C
Operational position:	any
Mounting:	suitable plastic enclosure
Protection degree:	IP 20
Overvoltage category:	III.
Pollution level:	2
Housing / Connector Material:	Zero Halogen Polycarbonate
Dimensions:	260.5 x 52.2 x 25.3mm
Weight:	140g
Applying standards:	EN50491-1, EN5049102, EN50491-3 EN50491-4-1, EN50491-5-1, EN50491-5-2 ETSI EN 301489-3, ETSI EN 300220-2 EN 60669-2-1
Warranty:	12 Months

### Programmable Functions (Dimmer Unit)

Function 1	Function 2	
<p>a. A short press on the programmed button of 0,5 seconds switches the lights 'ON' or lights 'OFF'.</p> <p>b. Pressing and holding the button when 'ON' for longer than 0,5 seconds the lights start to dim up or down. After the button is released the light scene is stored into the memory. When quick pressing 'ON' in future the lighting level that was previously set is restored.</p> <p>c. The set lighting scene can be changed simply by repeating section 'b' above.</p>	<p>a. A short press on the programmed button of less than 3 seconds switches the lights 'ON' or lights 'OFF'.</p> <p>b. Pressing and holding the button when 'ON' for longer than 3 seconds the lights start to dim up or down. After the button is released the light scene is stored into the memory. When pressing 'ON' in future the lighting level that was previously set is restored.</p> <p>c. The set lighting scene can be changed simply by repeating section 'b' above.</p>	
Function 3	Function 4	
<p>a. A short press on the programmed button of 0,5 seconds switches the lights 'ON' with a 3 second fade up, or lights 'OFF' with a 3 second fade down.</p> <p>b. Pressing and holding the button when 'ON' for longer than 0,5 seconds the lights start to dim up or down. After the button is released the light scene is stored into the memory. When quick pressing 'ON' in future the lighting level that was previously set is restored.</p> <p>c. The set lighting scene can be changed simply by repeating section 'b' above.</p>	<p>a. A short press on the programmed button of 0,5 seconds switches the lights 'ON', or lights 'OFF' with a 3 second fade down.</p> <p>b. Pressing and holding the button when 'ON' for longer than 0,5 seconds the lights start to dim up or down. After the button is released the light scene is stored into the memory. When quick pressing 'ON' in future the lighting level that was previously set is restored.</p> <p>c. The set lighting scene can be changed simply by repeating section 'b' above.</p>	
Function 5	Function 6	Function 7
<p>a. On pressing the programmed button the lights start to fade up to MAX. over a defined interval (2 sec- 30min).</p>	<p>a. On pressing the programmed button the lights start to fade down to OFF over a defined interval (2 sec- 30 min).</p>	<p>a. Functions the same as an 'ON' and 'OFF' switch.</p>

### Connection

