

Technical Details



RFDA-71B - 250W Dimming Receiver



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- Create lighting scenes and moods
- Allows the dimming of dimmable CFLi's, halogen lamps, low-voltage halogen lights with a dimmable transformer as well as standard tungsten filament
- 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
- The dimming receiver can be controlled by up to 32 transmitters

otione (Dimmer Unit)

- 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
 - Can be mounted inside a 35mm deep back box or behind the light fitting

Supply voltage:	230V AC	Programmable Functions (Dimmer Unit)				
Apparent consumption:	$8.3 \text{ VA} / \cos (\mathbf{p} = 0.1)$	Function 1		Function 2		
Loss consumption:	0.83W	a. A short press on the programmed button of 0,5 seconds switches the lights 'ON' or lights 'OFF'.		a. A short press on the programmed button of less tha 3 seconds switches the lights 'ON' or lights 'OFF'.		
Tolerance of supply voltage:	+10 -15 %					
Connection:	3-wire, with "NEUTRAL"	b. Pressing and holding the button when 'ON' for longer		b. Pressing and holding the button when 'ON' for long		
Output		than 0,5 seconds the lights start to After the button is released the light			ds the lights start to dim up or down. on is released the light scene is store	
Resistive load:	250VA	into the memory. When quick pres	sing 'ON' in future	into the mem	ory. When pressing 'ON' in future the	
Capacitive lod:	250VA	the lighting level that was previously set is restored.		lighting level that was previously set is restored.		
nductive load:	250VA	c. The set lighting scene can be changed simply by repeating section 'b' above.		c. The set lighting scene can be changed simply by repeating section 'b' above.		
<u>Dutput</u>		repeating section b above.		Tepeating sec		
Packet from transmitter:	868 MHz	Function 3		Function 4		
Emergency control:	PROG (ON/OFF)	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.		 a. A short press on the programmed button of 0,5 seconds switches the lights 'ON', or lights 'OFF' w a 3 second fade down. 		
Range in open space:	Up to 160M					
<u> Dther data</u>						
Operational temperature:	-15 °C to +55 °C (5 °F to 131 °F)	b. Pressing and holding the button when 'ON' for longer than 0,5 seconds the lights start to dim up or down.		b. Pressing and holding the button when 'ON' for lon than 0,5 seconds the lights start to dim up or dow		
Operational position:	any	After the button is released the light	After the button is released the light scene is stored		After the button is released the light scene is stor	
Mounting:	loose on input wires or 35mm deep back box	 into the memory. When quick pressing 'ON' in future the lighting level that was previously set is restored. c. The set lighting scene can be changed simply by repeating section 'b' above. 		 into the memory. When quick pressing 'ON' in fut the lighting level that was previously set is restor c. The set lighting scene can be changed simply by repeating section 'b' above. 		
Protection degree:	IP 30					
Overvoltage category:	III.					
Pollution level:	2			ropouting occ		
Output wires:	3 x 0.75 mm ²	Function 5	Function 6		Function 7	
Dutput wire length:	90 mm (3.5″)	a. On pressing the programmed button the lights start to fade up to MAX. over a defined interval (2 sec- 30min). a. On pressing the button the lights down to OFF over interval (2 sec-		start to fade and 'OFF' switch. er a defined		
Dimensions:	49 x 49 x 21 mm (1.9 "x 1.9 "x 0.8")					
Weight:	40 g (1.4 oz.)					
Applying standards:	EN 60669, EN 300 220, EN 301 489					
	Directive RTTE, NV No.426/2000Sb(Directive 1999/ES)	Connection				
Varranty	12 Months	Connection				
Description				(
					RFDA-71B	
		RFDA-71B R				
	250Va dimming receiver multifunction					
	RFDA-71B 868 MHz					
	CLICKSMart C E 🖗	(🍦 🏺 🏺)		ě ě ř	
Indication of device state	www.click-emart.com					
Programming button						
(Manual override)	PROG ZSOW A _V Z30 VAC Soltz Soltz SO			N		
(manaa oronnao)						
				L/C		
		\bigotimes			$\rightarrow \rightarrow $	
	Neutral wire					
Output to an appliance	Live wire					
,	r, Lichfield Road Industrial Estate, B79 7UL United Kingdom					
T: +44 (0)1827 63454 I	8					

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