

Saving Expert

Future and Hope



Panasonic

WR6161K-8

FULL-2WAY

Full-Power Remote Control Relay

Unipolar / Panel Use



Life
30000
times

Switching
20
times/m

Input
0.35A
AC 24V

Output
20A
AC 300V

WR6161K-8 FULL-2WAY / 20A / AC 300V Remote Control Relay

FULL-2WAY remote control system, by Multiplex transmission, Simple, Efficient Lighting Control That Matches Your Needs, uses just two ± 24 V signal wires for all the switches on a network, and controls lighting using pulse signals. This makes for a simple and flexible system that requires little maintenance. We've proven that highly functional systems do not require complex wiring. In wide use in many office buildings, these systems provide the standard for simple, efficient, and effective control.

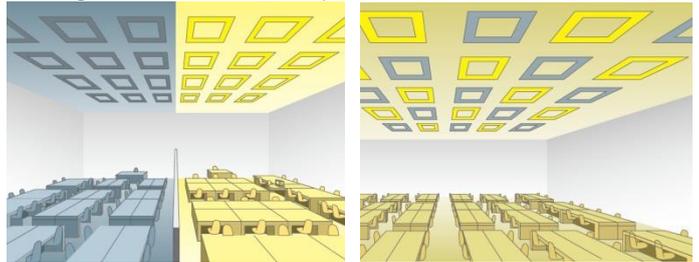
WR6161K-8 Remote Control Relay in FULL-2WAY system, After receiving the control signal from Relay Control for T/U (WR3400-8), Conducting coil receives a current pulse signal and connected to the main contact. The main contact connect the power and light will turn on.

Relay is usually installed in the control panel. However, in the following cases, Relays can be installed in a decentralized position, For example, on the ceiling or in the lighting device.

- (1) External Power Supply (EPS) is small size
- (2) You want to use the small control panel of relay
- (3) When you want to reduce the wiring of lighting in the relay control panel

Centralized monitoring and control,

Centralized monitoring and control of lighting can handle up to 256 circuits per system. Group control, Turn on and off all lights in an entire section of a building. Pattern control, The system can be programmed to match work schedules or habits, allowing you, for example, to turn down office lighting during lunch hour with a push of a switch.



Feature

- **JIS (Japanese Industrial Standards) Approved size**
- **Panel Use**
- **Unipolar**



FULL-2WAY

Panasonic

Panasonic FULL-2WAY / 20A / AC 300V Remote Control Relay WR6161K-8

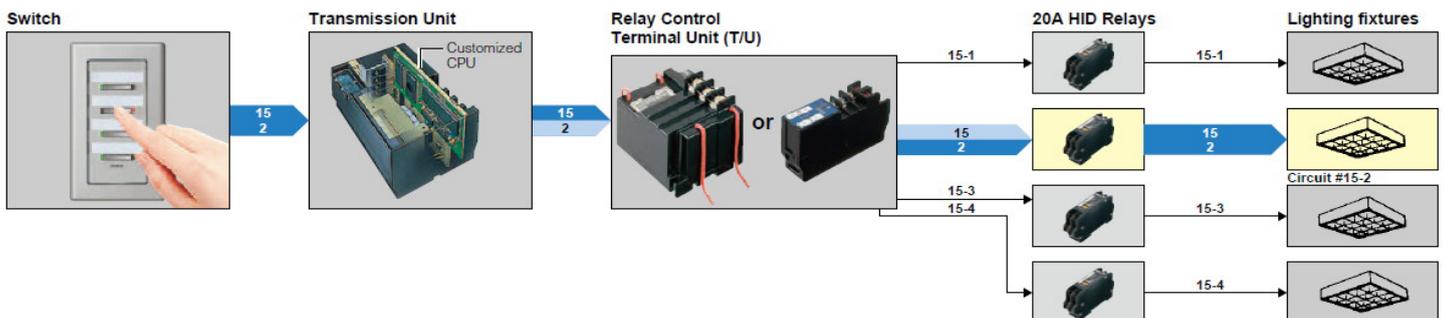
Specifications

Input/Output	
Input	0.35A 24V AC
Output	20A 300V AC
Signal Voltage	±24 V
Life	
	Use more than 30,000 times Frequency: 20 times / min
Power	
	<ul style="list-style-type: none"> · Resistive load (pf=1) 20A 300V AC · Inductive load (pf=0.6) 20A 300V AC · incandescent bulb load 20A 300V AC · Fluorescent lamp load 20A 300V AC · HID lighting load 20A 300V AC
	Auxiliary contacts: · Resistive load (pf = 1) 1A 125V (0.5A 250V)
Mechanical	
	Use more than 30,000 times Frequency: 20 times / min

Others	
	1 minute 2000 VAC · Between the main circuit terminals (with circuit OFF) · Between the main circuit terminals and operating terminals · Between the main circuit terminals and non-reactive metal section · between the main circuit terminals and the auxiliary contact terminal ----- 1 minute 600V AC · Between operating terminal and non-reactive metal · Between the auxiliary contact terminals
Dielectric strength	
	1 minute 2000 VAC · Between the main circuit terminals (with circuit OFF) · Between the main circuit terminals and operating terminals · Between the main circuit terminals and non-reactive metal section · between the main circuit terminals and the auxiliary contact terminal ----- 1 minute 600V AC · Between operating terminal and non-reactive metal · Between the auxiliary contact terminals
Voltage	
	18-30V AC
Elevated Temperatures	
	Maximum 65 ° C (Before and after the performance test, the contact portion)

System Principle

2-wire multiplex transmission technology helps to simplify lighting control system.



* Product specifications are subject to change without notice.