TITLE	SPECIFIC	ATION			PAGE	1 / 4
1. Ratings						
	DUTPUT contact side Listed to UL 30 A 300 V ac 2400 W 120 V ac 20 A 300 V ac 16 A 277 V ac	: General use : Tungsten : Standard Balla (Electric disc : Electronic Bal	harge lamps)	2400 W 120 V ac	:Standard Ba (Electric di ac Mot	scharge lamps)
	1/2HP at 110-125 V 1-1/2HP at 220-277					
	Short circuit rating	: 18,000 A 277	V ac			
	*Suitable for use on a 18,000 rms Symmetr INPUT side 3	ical Amperes, 2		More than «Electric current wa ON	veform》※1 └ OFF ─	Time for 3 pulses
2.17			•	011	011	
S	 Electrical switching performance Switching speed 20 times/minute. 30,000 cycles.(60,000 operations.) Switching speed 6 times/minute. 20,000 cycles(40,000 operations), Electronic Ballast only. 					
3. N	fechanical switching p	erformance				
5	Switching speed 20 tim	es/minute. 300,0	000 cycles.(600,000 o	operations.)		
4. Iı	nsulation resistance					
	Between terminals of e Between terminals of C	•	•		More than 10 (Using 500 V	
5. E	electric strength					
	Between terminals of e Between live parts and				1694 V AC Nafter 1 minute	o abnormality
I	Between terminals of C	OUTPUT and IN	PUT.	_ 3	2500 V AC N after 1 minute	o abnormality
I	Between terminals of I	NPUT and non-l	live metal parts.	(600 V AC No after 1 minute	abnormality
6. II	NPUT voltage		18 V \sim 30 V dc Re	versible Polarity		
7. A	appropriate terminal sc	rew tightening to	orque			
(OUTPUT terminal		1.53 N·m ~ 1.69 N 1.24 N·m ~ 1.53 N	I•m (AWG#10) I•m (AWG#12 to #14)		-
]	NPUT terminal		$0.68 \mathrm{N \cdot m} \sim 0.9 \mathrm{N} \cdot$			
8. A	appropriate wire					
]	OUTPUT terminal NPUT terminal Same wire gage shall	be used in case	AWG#10 to #14 cop AWG#16 to #20 cop of applying multiple v		al.	
9. T	9. Temperature rise					
	In contact section before	ore and after swi	0	65 °C max (thermocouple method)		
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- 10. Ambient operating temperature range
- -10 °C ~+50 °C
- 11. 20A HID Relay should be used for One-Shot Remote Control System and FULL 2-WAY Remote Control System.
- 12. Possible wiring distance (Between transformer and switch, selector switch)

Wire used	0.5 mm ² or	0.75 mm ² or	0.9 mm ² or	1.25 mm ² or
For each switch	0.8 mm dia	1.0 mm dia	1.2 mm dia	1.4 mm dia (AWG 16)
each switch	(AWG 20)	(AWG 18)	(AWG 17)	(AWG 10)
20A HID Relay, 1 UNIT	400 m	600 m	720 m	1000 m
20A HID Relay, 2 UNIT	300 m	450 m	540 m	750 m
20A HID Relay, 3 UNIT	200 m	300 m	360 m	500 m
20A HID Relay, 4 UNIT	100 m	150 m	180 m	250 m

- 13. Changeability with selector switch
 - Number of selector switches to activate one 20A HID Relay from multiple locations.

One-Shot remote control (selector) switch	FULL 2-WAY remote control switch
6 places	without Limit

•A number of 20A HID Relay can be activated by one selector switch.

4 pcs.	switch 4 pcs.
control (selector)	remote control
One-Shot remote	FULL 2-WAY

14. How to mount 20A HID Relay

Use Mounting Strap WR9910-8(Sold Separately) for Panel Use.

- 15. Caution
 - 15-1 As the INPUT terminal has polarity, wiring should be connected with the same colored terminal of a transformer or a switch.
 - 15-2 No changeability or other company's remote control products.

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16. Safety Cautions on Design and Use

This unit must be used in accordance with the requirements stated below and all other operating procedures. Panasonic Corporation assumes no responsibility for any damage or loss caused by misuse of this unit.

- 16-1 When using this product, observe the following conditions:
- (1) This product has been developed only for lighting control.

Do not use it for any security purpose (security against theft, accident prevention, etc.).

If the product is to be used for any purpose where security is important:

- •Employ a backup system.
- •Use a protective device or circuit to improve overall system safety.
- •To ensure user safety, affix a warning label on any system that incorporates this product.
- 16-2 The prohibition matter on use:
 - (1) Please do not use it at outdoors.

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It becomes a defect of operation and the cause of failure.

(2) Please do not install in the place of heat and high humidity.

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It becomes a defect of operation and the cause of failure.

(3) Please do not use this remote control relay for the remote control system of the other company.

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It becomes a defect of operation and the cause of failure.

- 16-3 The prohibition matter on a design:
 - (1) It is not operate by the load more than rating.

(Please check about HID and an inverter in the number table of lights of these specifications.)

 \Box

It becomes the cause of breakage by unusual generation of heat.

- 16-4 The prohibition matter on construction:
 - (1) Please do not use other than the appointed application electric wire at the line to connect.

It becomes the cause of the short circuit by the omission of an electric wire, and breakage by unusual generation of heat.

(2) Please do not connect an electric wire of a different kind to a screw terminal.

(When it is necessary to connect, always use an application pressure arrival terminal)

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It becomes the cause of the short circuit by the omission of an electric wire, and breakage by unusual generation of heat.

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17.Quality guarantee

- 17-1 Period of guarantee
 - The warranty of this product is one year from the purchasing day.
- 17-2 Contents of guarantee
 - •Free repair service is assured in case of breakdown during the period of guarantee when used properly according to the specification and instruction labeled on the products.
- 17-3 Escape clause of guarantee
 - •In case of the following, payment will occur in principle.
 - (1) Breakdown or damage doe to misusage and injustice repair or reconstruction.
 - (2) Breakdown or damage doe to transfer or installation, transportation, and fall down after purchase.
 - (3) Breakdown or damage due to fire, earthquake, flood, thunderbolt and other calamity; pollution, damage by sea air, gas pollution (sulfration), abnormal voltage, and usage of other undesignated power source (voltage, frequency).
 - (4) Breakdown or damage due to loading on vehicles and vessels.
 - (5) Breakdown or inconvenience originated to deficiency in installation.
 - (6) Breakdown or damage due to not performing the examination demanded in the law or installation.

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