

Model **RH-H** RECTIFIER FOR HYBRID HOLDER



RH-H303A-C2

[Application]

A rectifier dedicated to hybrid holders.

- The employment of FET in the output circuit ensures high-speed and consistent demagnetization performance. These rectifiers also withstand frequent usage.
- A wide range of power source from 100 VAC to 220 VAC can be used.

Model	Type	Input	Output	Dimensions			Applicable Holder	Mass
				Width	Depth	Height		
RH-H303A	Type installed inside panel	Single-phase 100 VAC - 220 VAC, 50/60 Hz	OVDC - 24VDC 3A	W55 (2.16)	D160 (6.29)	H175 (6.88)	KE-2HA-8HA	0.8kg/ 1.76 lb
RH-H303A-C2	Type housed in case			W175 (6.88)	D100 (3.93)	H190 (7.48)		2.5kg/ 5.51 lb

※For ON/OFF control, external control is required. Input signals are to be provided by the customer.

Model **KR** RECTIFIER FOR ELECTROMAGNETIC/PERMANENT ELECTROMAGNETIC HOLDER

Dedicated to electromagnetic/permanent electromagnetic holders



KR-T101A-6/24

[Application]

A standard type to rectify an input from an AC power source to DC and output it to electromagnetic holders.

[Features]

- This model comes in various output voltages and output currents selectable according to required capacities.
- Compact design for installation inside the control panel.
- Since a power cord is equipped as a standard accessory, it can be used simply by connecting an electromagnet.
- Since external control terminals are provided as a standard accessory, it can be used for automatic operation also.

Model	Input		Output		Dimensions			Reverse Excitation Circuit	Applicable Holder		Mass
	Voltage	Fuse	Voltage	Current	Width	Depth	Height				
KR-T101A-6/24	Single-phase 100 VAC, 50/60 Hz	1A	6/24 VDC	1A	155 (6.10)	140 (5.51)	95 (3.74)	-	KE-1B-4B KE-2R-4RA KE-2D-4E KEP-3C-9C,K5	KE-K310A I KE-K515A KE-V306-312	3kg/6.61 lb
KR-N101A		1A	90 VDC	1A	100 (3.93)	106 (4.17)	77 (3.03)		KE-5B-9B KE-5E,6E	KE-M KE-V510-830	1kg/2.20 lb
KR-N103A		3A		3A							

※Power cable (2 m) and plug included.

Electromagnetic Holders and Applicable Rectifiers and Controllable Number of Holders

All holders connected in parallel.

Electromagnetic holder KE-B Series

(Unit: units)

Rectifier	Holder	KE-1B	KE-2B	KE-3B	KE-4B	KE-5B	KE-6B	KE-7B	KE-8B	KE-9B
KR-T101A-6 / 24		4	11	4	3					
RH-M303A-6 / 24,-C1,-C2		15	38	14	11					
RH-M105B-24			64	23	18					
KR-N101A						6	4	4	3	2
KR-N103A						20	12	12	9	7
RH-M102C						15	9	9	6	5
RH-M105B										
RH-M205B						37	23	22	17	12

Thin electromagnetic holder KE-D/E Series

Rectifier	Holder	KE-2D	KE-3E	KE-4E	KE-5E	KE-6E
KR-T101A-6 / 24		20	9	6		
RH-M303A-6 / 24,-C1,-C2		67	30	22		
RH-M105B-24		112	52	37		
KR-N101A					18	12
KR-N103A					54	36
RH-M102C					40	27
RH-M105B						
RH-M205B					102	69

Auto release type electromagnetic holder KE-R Series

Rectifier	Holder	KE-2R	KE-3RA	KE-4RA
KR-T101A-6 / 24		20	9	6
RH-M303A-6 / 24,-C1,-C2		67	30	22
RH-M105B-24		112	52	37

Rectangular thin electromagnetic holder KE-K Series

Rectifier	Holder	KE-K310A	KE-K315A	KE-K510A	KE-K515A
KR-T101A-6 / 24		7	4	4	2
RH-M303A-6 / 24,-C1,-C2		24	13	15	9
RH-M105B-24		40	22	26	15

Permanent electromagnetic holder KEP-C Series

Rectifier	Holder	KEP-3C	KEP-4C	KEP-5C	KEP-7C	KEP-9C	KEP-K5
KR-T101A-6 / 24		1	1	1	1	1	1
RH-M303A-6 / 24,-C1,-C2		6	5	4	5	6	6

Hybrid holder KE-HA Series

Rectifier	Holder	KE-2HA	KE-3HA	KE-4HA	KE-5HA	KE-6HA	KE-8HA
RH-H303A		38	24	18	13	12	9
RH-H303A-C2							

Calculation of controllable number of units

$$\text{Controllable number of units} = \frac{\text{Output current of rectifier}}{\text{Current of electromagnetic holder}} \times \text{approx. 0.8 (figures below decimal point omitted)}$$

※ "×0.9" for RH-M and RH-H.

(Example)

$$\text{In the case of } \begin{cases} \text{KR-T101A-6/24} \\ \text{KE-2B} \end{cases} \frac{1}{0.07} \times 0.8 \left(\begin{matrix} \text{value 11.428} \\ \dots \text{thus 11} \end{matrix} \right) \text{Number of units} = 11$$

ELECTROMAGNETIC CHUCKS
CHUCK CONTROLLERS
PERMANENT ELECTROMAGNETIC CHUCKS
PERMANENT ELECTROMAGNETIC CHUCKS
BLOCKS FOR MC
VACUUM CHUCKS
PROMELTA* SYSTEM
SINE BAR CHUCKS
BLOCKS, HOLDERS, MINI CHUCKS
HOLDING TOOLS
MEASURING TOOL HOLDERS
MAGNETIC HOLDERS
MAGNETIC TOOLS