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.

[mm (in)]

Model	Type	Input	Output	Dimensions	Applicable Holder	Mass
RH-H303A	Type installed inside panel	Single-phase 100 VAC – 220 VAC, 50/60 Hz	0VDC – 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)		2.4kg/ 5.29 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.

[mm (in)]

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-K310A KE-2R–4RA KE-2D–4E KE-K515A KEP-3C–9C,K5 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-M KE-5E,6E 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-1.5B	KE-2B	KE-3B	KE-4B	KE-5B	KE-6B	KE-7B	KE-8B	KE-9B
KR-T101A-6/24	4	10	11	4	3	–	–	–	–	–
RH-M303A-6/24,-C1,-C2	15	33	38	14	11					
RH-M105B-24	–	56	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						37	23	22	17	12
RH-M205B										

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				102	69
RH-M205B					

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)

In the case of KR-T101A-6/24 + KE-2B: $\frac{1}{0.07} \times 0.8$ (value 11.428 ···thus 11) Number of units = 11