Thermal Overload Relays

Model Designation

□□□ — □□ / □□ □ □

1 2 3 4 5

Product Type

RHU Series Thermal Overload Relay
RHN Series Thermal Overload Relay

Frame /Model Size

RHU: 5、10、80
RHN: 300

Current Setting Range

0.16~336 A

Protection Class

A: Direct-acting type (instant response)
M: Motor protection type
K: Overload protection type

Construction Code

Blank: Standard type, no additional accessories
P: With independent mounting base

Applicable Contactor Models:

Code	RHU-10	RHU-80
1	CU-11/16/18/23/32R	CU-18/23/32R
2	CU-38	CU-40
3		CU-50R~90
5		CN-100R/125R

Example:
RHU-10/3.2M
RHU series thermal overload relay, frame size 10, maximum setting current 3.2A, three-phase overload protection type.

RHU Series Thermal Overload Relays

Model/ Cat. No.	RHU-5/□□	RHU-10/□□1	RHU-10/□□2	RHU-80/□□1	RHU-80/□□2	RHU-80/□□3	RHU-80/□□4	RHU-80/□□5	RHU-80/□□P	RHN-300/□□
Setting Range (A) (Values in parentheses indicate maximum setting current*)	0.1~0.16(0.16) 0.16~0.25(0.25) 0.25~0.4(0.4) 0.35~0.5(0.5) 0.45~0.63(0.63) 0.55~0.8(0.8) 0.75~1(1) 0.9~1.3(1.3) 1.1~1.6(1.6) 1.4~2(2) 1.8~2.5(2.5) 2.3~3.2(3.2) 2.9~4(4) 3.5~4.8(4.8) 4.5~6.3(6.3) 5.5~7.5(7.5) 7.2~10(10) 9~12.5(12.5)	0.1~0.16(0.16) 0.16~0.25(0.25) 0.25~0.4(0.4) 0.35~0.5(0.5) 0.45~0.63(0.63) 0.55~0.8(0.8) 0.75~1(1) 0.9~1.3(1.3) 1.1~~1.6(1.6) 1.4~2(2) 1.8~2.5(2.5) 2.3~3.2(3.2) 2.9~4(4) 3.5~4.8(4.8) 4.5~6.3(6.3) 5.5~7.5(7.5) 7.2~10(10) 9~12.5(12.5) 11.3~16(16) 15~20(20) 17.5~21.5(21.5) 21~25(25) 24.5~30(30) 29~36(36)	15~20(20) 17.5~21.5(21.5) 21~25(25) 24.5~30(30) 29~36(36) 33~38(38)	17~25(25) 24.5~36(36)	17~25(25) 24.5~36(36) 35~47(47)	24.5~36(36) 35~47(47) 45~60(60) 58~75(75) 72~90(90)	17~25(25) 24.5~36(36) 35~47(47)	58~75(75) 72~90(90) 77~97(97)	17~25(25) 24.4~36(36) 35~47(47) 45~60(60) 58~75(75) 72~90(90) 77~97(97)	87~120(120) 105~144(144) 145~200(200) 175~240(240) 203~280(280) 245~336(336)
Compatible Contactors	CN-6(K)	CU-11/16/18/23/32R **	CU-38	CU-18/23/32R **	CU-40	CU-50R/65R/80/90	CU-38	CN-100R CN-125R	Panel Mounting Adapter	CN-100R/125R/150/180/220/300
Panel Mounting Adapter	-	RP-10 (Order Separately)	RP-10 (Order Separately)	-	-	-	-	-	Built-in	Built-in

* The first column □ indicates the maximum setting current.
The second column □ indicates the protection function.

** CU-18 and CU-23 (4A) should be used with RHU-80/ □□ P models.

RHU/ RHN Model Code Explanation

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1 2 3 4 5

1. Series Codes

RHU/RHN Series Thermal Overload Relays

2. Model Codes

5, 10, 80, 300

3. Setting Range (A)
(Max. setting current indicated in code)

0.16~336

4. Protection Functions

Overload & Phase Loss Protection
Three-phase overload relay
Two-phase overload relay

5. Accessories

Blank: No accessories
P: With panel mounting adapter

Compatible Contactor Codes:

Code	RHU-10	RHU-80
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2	CU-38	CU-40
3		CU-50R~90
4		CU-38
5		CN-100R/125R