



NR2 Thermal Overload Relay

1. General

- 1.1 Certificates: CE, KEMA, UkrSEPRO, GOST, RCC, UL;
- 1.2 Electric ratings: AC 50/60Hz, 690V, 0.1A~630A;
- 1.3 Tripping class: 10A;
- 1.4 Mounting version:
 - a. Plug-in: Available for NR2-11.5, 25, 36, 93, 150;
 - b. Independent: Available for NR2-200, 630;
- 1.5 Standard: IEC/EN 60947-4-1

2. Type designation

N R 2 - □

Current class

Design sequence No.

Thermal overload relay

Company code

3. Features

- 3.1 3-phase bimetal
- 3.2 Continuously readjustable current settings
- 3.3 Temperature compensation
- 3.4 Tripping indicator
- 3.5 Test button
- 3.6 Stop button
- 3.7 Manual and automatic reset button
- 3.8 Electrically separated 1N/O plus 1N/C contact



RCC



4. Technical data
 4.1 Protection properties

Item	Series No.	I/In		Operating time Tp	Test condition
Overload protection	1	1.05		>2 h	Start from cold status
	2	1.2		≤ 2 h	Start from heat status, right after item No.1
	3	1.5		≤2 min	Start from heat status, right after item No.1
	4	7.2		2s<Tp≤10s	Start from cold status
Phase failure protection	5	Any two phases	Another phase	>2 h	Start from cold status
		1.0	0.9		
	6	1.15	0	≤2 h	Start from heat status, right after item No.5

Curves

