



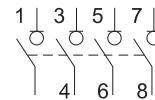
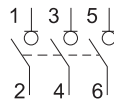
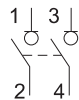
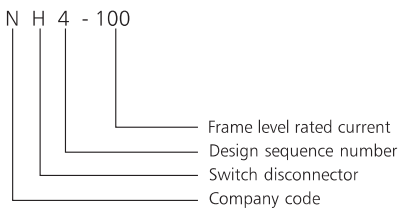
## NH4 Switch Disconnecter

### 1. General

- 1.1 Certificates: CB, PCT, SEMKO, VDE ESC for 125A;
- 1.2 Electric ratings: up to 100A, 400V, AC50/60Hz;
- 1.3 Utilization category: AC-22A;
- 1.4 Icw: 12Ie, t=1s;
- 1.5 Rated short-circuit making capacity Icm: 20Ie, 0.1s;
- 1.6 Rated making & breaking capacity Icm: 3Ie, 1.05Ue, COS φ = 0.65;
- 1.7 Rated insulation voltage Ui: 500V;
- 1.8 Rated impulse withstand voltage Uimp: 4000V;
- 1.9 Life(operations):
  - a. Electric life: 1500
  - b. Mechanical life: 8500
  - c. Operating frequency: 120/h
- 1.9 Standard: IEC/EN 60947-3



### 2. Type Designation



### 3. Technical Data

#### 3.1 Technical parameters

##### ★ NH4, 1P

Ie (A)	Ue (V~)	CTN	Order Code	
			Standard	RoHS
32	230	180	153213	971014
63	230	180	153214	971015
100	230	180	153215	971016

##### ★ NH4, 2P

Ie (A)	Ue (V~)	CTN	Order Code	
			Standard	RoHS
32	400	90	153216	971017
63	400	90	153217	971018
100	400	90	153218	971019

##### ★ NH4, 3P

Ie (A)	Ue (V~)	CTN	Order Code	
			Standard	RoHS
32	400	60	153219	971020
63	400	60	153220	971021
100	400	60	153221	971022

##### ★ NH4, 4P

Ie (A)	Ue (V~)	CTN	Order Code	
			Standard	RoHS
32	400	45	153222	971023
63	400	45	153223	971024
100	400	45	153224	971025

## 4. Wiring

The suitable conductors should be used for connection, see table below for relative parameters.

Rated current $I_n$ (A)	Nominal cross section area (mm <sup>2</sup> ) Cu	Tightening torque (N · m)
32	6	2.5
63	16	2.5
100	35	2.5

## 5. Structure and Features

- 5.1 It is composed of insulation cover, operating mechanism, contact system, etc;
- 5.2 Compact and modularized design;
- 5.3 Operation reliability of the product has been greatly enhanced;

## 6. Overall and Mounting Dimensions

