

## Introduction

1. FN3-12 series FN3-12/400A,FN3-12R/400A,FN3-12R/S400 are used in the network of AC 50Hz, 6KV or 12KV for breaking or closing load and over-load current. They are also used in breaking and closing no-load line, the switch of no-load transformer and capacitor with RN3 type fuse box. Can cut off short-circuit for protecting switch.
2. They can be equipped with CS3 type and CS2 type handle operating mechanism.
1. Quality assurance: All the products will go through lots of tests carefully before dispatch: Raw material check, Assemble test, Painting check, Nameplate check and routine tests.
2. Competitive production capacity: monthly production more than 1200 sets .
3. Manufactuer's price: Factory direct sale, most competitive price.

Service Condition 1 ,The altitude does not exceed 1000m. 2,The ambient air temperature : Max:+40°C. Min:-10°C. 3,The relative humidity of air not bigger 90% (temperature:25°C) 4,The working situation have no conductivity dust. 5,The working situation have no corrosive gas of effect insulation and destroy metal. 6,The working situation without violent vibration and striking. 7,The working situation have no explosive danger and fire.

## Technical parameter

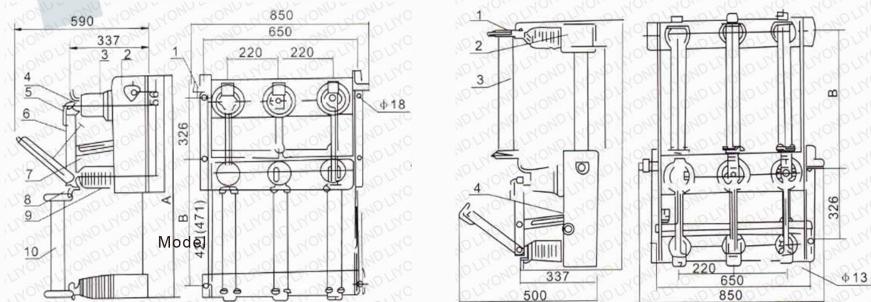
1,The load switch is suitable for the basic technical parameter (please see the table)

Type	Rated voltage (kV)	Max.working voltage (kV)	Rated current (A)	Machine stablign current (kA)	Heat-stablin current (kA/S)
FN3-12	12	12	400	25	10/2

2,The load switch with fuse box is suitable for the technical parameter (please see the table)

Type	Rated voltage (kV)	Rated current (A)	Max.breaking current (value) (kA)	Max.cut-off capacity (kva)	Current peak when cutting off limit short- circuit (kA)
FN3-3	3	75-100	40	200	24.5
		200			35
FN3-6	6	75	20	200	14
		100			14
FN3-10	12	200	12	200	19
		10-50			25
		75	12	200	8.6
		100-500			8.6
		100-500			15.5

## Dimensions and installation drawings



1.Bend the arm 2.Framework 3.Upper insulator 4.Main static contact

5.Arc moving contact 6.Switch 7.Insulating pole8.Lowing insulator

9.Lower insulator 10.Fuse box

1.socket 2.Framework3.Fuse Link 4.Load switch body