

# MNS低压抽出式开关柜

## MNS low-voltage withdrawable switchgear

低压成套  
L.V.Switchgear Assembly



### 用途:

MNS低压抽出式开关柜主要适用于发电厂、变电站、工矿企业、高层建筑中，在交流50-60Hz，额定工作电压380V、660V的低压配电系统中作为动力配电、电机控制之用。

### 特点:

- 柜体内由柜架，封板和内部子单元构成。骨架用2mm厚C型型材组装而成，免维护。
- MNS具有连接、试验、分离三个位置，既能保证正常工作和试验，又方便检修抽屉内外的设备，相同规格的功能单元均能互换，在紧急情况下用户可以方便快速地使用备用功能单元更换有故障的功能单元。
- 本型号抽屉柜有五种标准尺寸的抽屉，即1单元（200高）、2单元（400高）、3单元（600高）以及一单元可同时装4个小抽屉的1/4单元和装两个抽屉的1/2单元，也可以两个1/4单元和一个1/2单元混装。总安装抽屉有效高度为1800mm。
- 产品符合 IEC61439-1:2011,IEC61439-2:2011,GB7251.1-2013,GB7251.12-2013等标准。

### Application:

**MNS low-voltage withdrawable switchgear** mainly applies to the low-voltage supply system with the frequency of AC 50-60Hz, and the rated operating voltage of 380V and 660V, in power plants, substations, industrial and mining enterprises and high-rise buildings, for the purpose of power distribution and motor control.

### Characteristics:

- The cubicle is composed of the supporting structure, the cover plate and the internal sub-unit. The supporting structure is assembled with the C-shape section material which is thick as 2mm, so it is free from maintenance.
- The drawer unit has such three positions as connection, test and disconnection. So it not only ensures normal working and testing, but is also convenient to check and repair the equipment in and out of the compartment. The functional units of the same specification can be interchanged, so in urgent situations, the user can conveniently replace the faulted functional unit with the spare functional unit.
- The drawer unit has 5 standard sizes, i.e., 1 unit(as high as 200), 2 units(as high as 400), 3 units (as high as 600), 1/4 unit (four of it can be installed in one unit at the same time), and 1/2 unit (two of it can be installed in one unit). Two 1/4 units and one 1/2 unit can also be installed together. The total valid height of the installed drawer units is 1800mm.
- The product conforms to such standards as IEC61439-1:2011,IEC61439-2:2011,GB7251.1-2013,and GB7251.12-2013.

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### 主要技术参数 Major technical parameters

序号 S/N	项目 Items	单位 Unit	技术参数 Technical Parameters	
1	额定工作频率 Rated operating frequency	Hz	50~60	
2	额定工作电压 Rated operating voltage	V	AC380、660	
3	额定绝缘电压 Rated insulation voltage	V	AC1000	
4	水平母线额定工作电流 Rated operating current for horizontal busbar	A	4000	
5	垂直母线额定工作电流 Rated operating current for the vertical busbar	A	900、1250、1600	
6	辅助电路接杆体额定电流 Rated current of auxiliary circuit connector	A	10	
7	主电路接插件额定电流 Rated current of main circuit connector	A	250、400、630	
8	受电电路额定电流 Rated current of the incoming circuit	A	800~4000	
9	主母线额定短时耐受电流 Rated short-time withstand current of the main busbar	kA	30、50、80	
10	主母线额定峰值耐受电流 Rated peak withstand current of the main busbar	KA	63、105、176	
11	1分钟工频耐压 1 min power-frequency withstand voltage	V	2500	
12	控制电机容量 Output of the control motor	KW	0.37~160	
13	外壳防护等级 Degree of protection for the enclosure		IP30~IP54	
14	外形尺寸 Dimension	模数 Modulus	mm	E=25
15		宽×深×高 W×D×H	mm	600/800/1000×800/1000×2200
16	推荐外形尺寸 Recommend size	宽×深×高 W×D×H	mm	1000×1000×2200