

NF2 Switch-disconnector

User's Manual

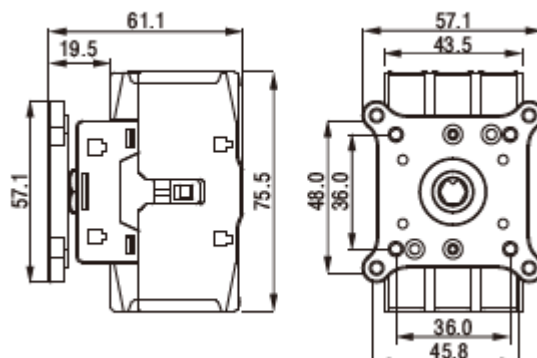
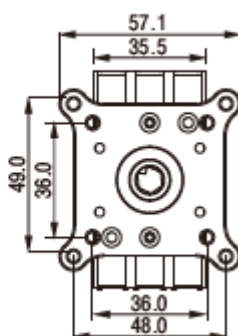
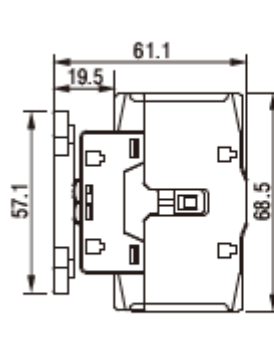
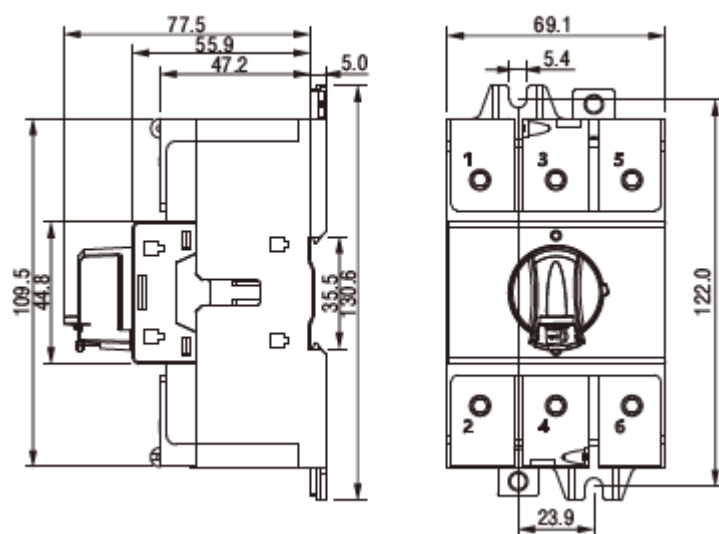
0ZTD.463.1459

Zhejiang Chint Electric Co., Ltd.

2021 年 5 月

设计文件名称	使用说明书					0ZTD.463.1459			
产品型号、名称	NF2 负荷开关					共 14 页		第 1 页	
1、Main purpose and application NF2 series switch-disconnector (hereinafter referred to as switch), which is mainly used in electrical circuits with AC 50Hz or 60Hz, rated operational voltage up to 690V, and rated operational current up to 125A. The switch main funciton is isolaiton and breaking. It can be used to isolate failure equipment or outage maintenance. It can be used as the main switch of machine tools, fans, and pumps, and can also be used as the start-stop switch of small power motors. Standards compliant: IEC/EN 60947-3,GB/T 14048.3 2、Model specifications and meaning 2.1Load switch model and meaning N F 2 - / / Handle color: R-Grey handle with lock; RY-Red and yellow knob; B-Black straight handle; BR- Black knob (with lock) Installation method: DI- Rail installation; H-Single hole panel installation; HH-Mechanical combination; D0-Door lock installation (extension rod); B0-plastic box Pole: 3-3P Conventional free air thermal current (Ith) Design Number Switch-disconnector Enterprise symbol Note: 4-pole products are realized by means of 3 poles + Auxiliary Pole。 2.2Auxiliary pole model and meaning NF2 - Installation form: N/A, DI/D0/B0; R, H Auxiliary pole type: PS-Sync disconnected; PD-Pre-disconnect; PN-N terminal; PE-Ground wire Product frame: 40-40A and below; 80-80A and below; 125-125A and below Product series									

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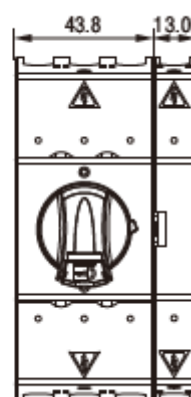


figure 8 NF2-80/TS

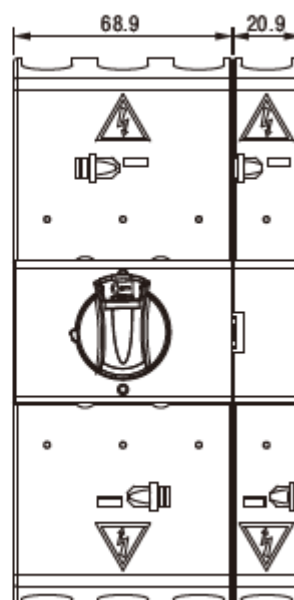


figure 9 NF2-125/TS

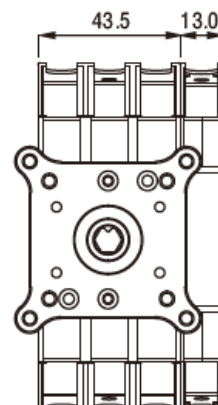


figure 11 NF2-80/HTS

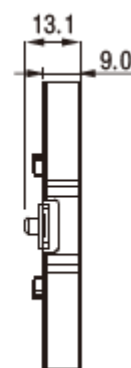


figure 20 NF2-P1R、P2R

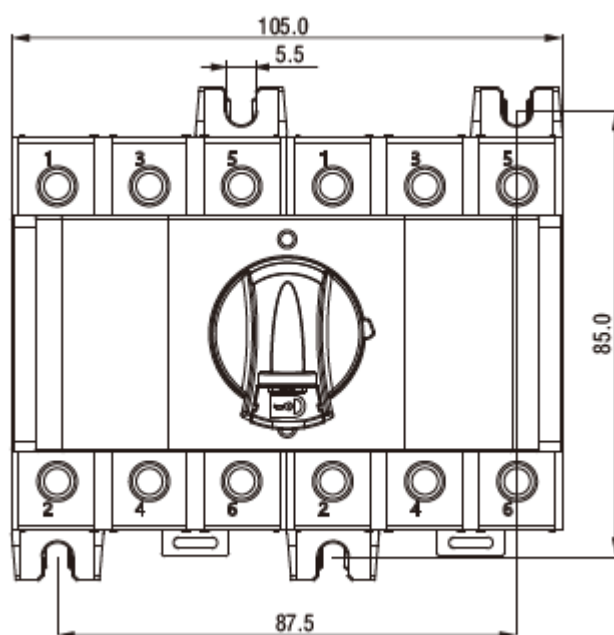


figure 21 NF2-HH

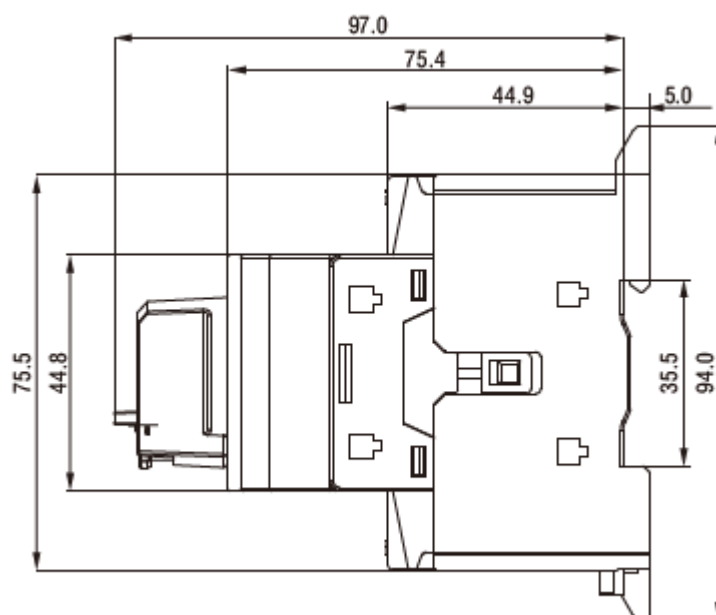
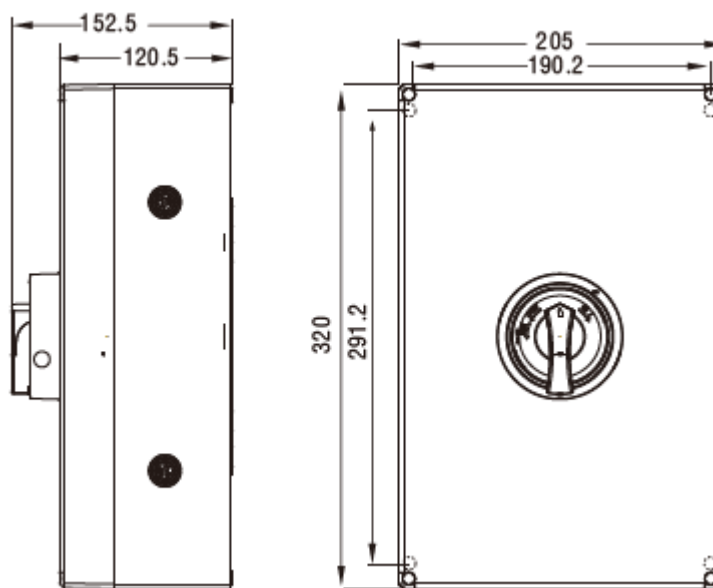
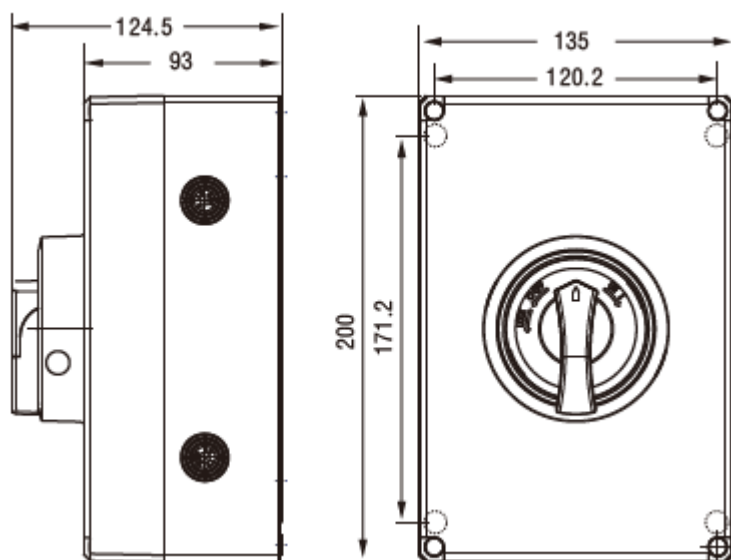
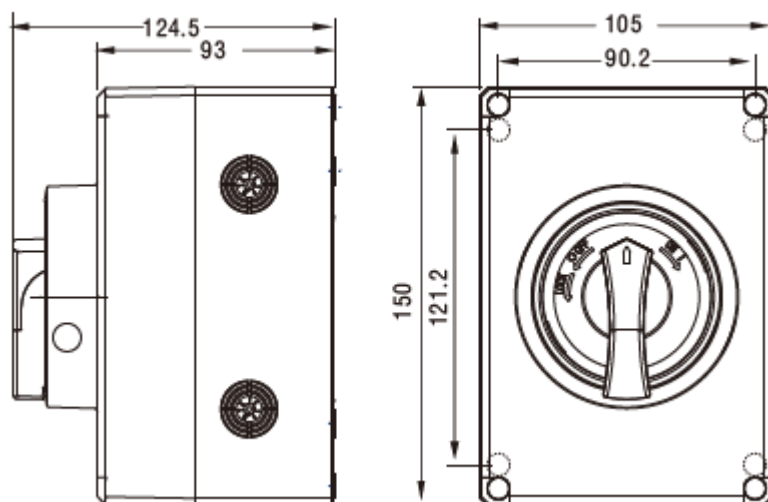
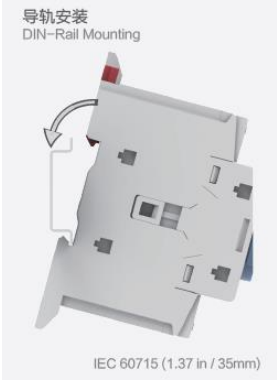
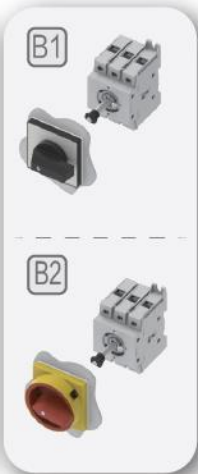


figure 22 NF2-HH

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7、Installation, commissioning and operation 7.1 Check before installation 7.1.1 The technical data on the nameplate meets actual requirements. 7.1.2 Appearance: clean, intact parts, no loose fasteners. 7.1.3 Check the operating performance: perform 3 times of closing and opening operations, the product action is flexible and reliable; the handle points to the "ON" position, all contacts are in the on state; the handle points to the "OFF" position, and all the contacts are in the off state . 7.2 Installation method and precautions 7.2.1 Screw installation: confirm that the switch is in the off state → open a hole on the mounting plate and tap the screw → connect the switch and the mounting plate with screws and tighten 7.2.2 Guide rail installation: confirm that the switch is off → the guide rail is fixed in the cabinet → install the switch as shown in Figure 26			
导轨安装 DIN-Rail Mounting  IEC 60715 (1.37 in / 35mm)			
Figure 26 Guide rail installation sketch 7.2.3 Panel installation: confirm that the switch is in the off state → the mounting plate is open → the screw assembly connects the body, the installation panel and the installation plate → the name plate → the cover → the handle → tighten the screw. As shown in Figure 27			
NF2	描 写	     	
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使用说明书														0ZTD.463. 1459			
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使用说明书附件																	
附件1（关于封面的内容）																	
关于封面的印刷技术内容要求见下表：																	
序号		印刷内容项			印刷内容			要求说明									
1		商标			CHINT 正泰			由品牌管理部统一设计									
2		正泰文化元素			闪电符号			由品牌管理部统一设计									
3		产品系列型号（或含规格）			NF2			告知用户产品系列型号、规格识别信息									
4		产品名称			负荷开关			告知用户产品名称识别信息									
5		标题			使用说明书			按统一规定									
6		温馨提示语			感谢您选购本产品，在安装、使用或维护产品前，请仔细阅读使用说明书。			引导用户阅读并保存好使用说明书									
7		符合标准			IEC/EN 60947-3 GB/T 14048.3			明示产品所符合的标准，内销产品仅标识国标、行标、团体标准或产品企业标准；出口产品仅标识国际标准或出口国标准									
8		版本号			2021 年 5 月版			明示使用说明书的版本，如：“2018 年 5 月版”									
9		管理体系认证			按统一规定			按统一规定									
10		产品二维码			/			用于产品的信息化管理，或引导用户查阅产品电子版相关技术信息，根据产品实际维护情况标识									
附件2 安全警示（印刷在封面的背页首要位置）																	
关于安全注意事项的印刷内容如下：																	
																	
1) 产品严禁安装于含有易燃易爆气体、潮湿凝露的环境中，严禁用湿手操作产品。																	
2) 产品工作中，严禁触摸产品导电部位。																	
3) 维修与保养产品时，必须确保产品断电。																	
4) 严禁小孩玩耍产品或包装物。																	
5) 产品安装周围应保留足够空间和安全距离。																	
6) 不要安装在气体介质能腐蚀金属和破坏绝缘的地方。																	
7) 产品在安装使用时，必须应用标配导线并配接符合要求的电源与负载。																	
8) 为避免危险事故，产品的安装固定必须严格按照说明书的要求进行。																	
9) 在拆除包装后，应检查产品有无损坏，并清点物品的完整性。																	
10) 安装、维护与保养时，应由具有专业资质的人员操作。																	
11) 注意定期紧固接线端子螺钉或螺栓，并清除产品上沉积的灰尘。																	
12) 应防止异物落入产品内。																	
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