

NH 低压条形熔断器式负荷隔离开关

NH Fuse-Switches vertical design

NH 低压条形熔断器配电排

NH Fuse-Rails vertical design

NH 条形熔断器配电排/条形熔断器式负荷隔离开关

NH fuse-rails and -switches

2

符合VDE 0660/107- IEC/EN 60 947-3

目录/Contents

	尺码 / Size	页码 / Page
NSL-IN系列NH条形熔断器式负荷隔离开关 三极共分合操作 <i>NH Fuse-switches vertical design series IN 3-pole switching</i> 用于中心距为60mm和100mm母线上直接安装 <i>Without drilling on 60mm and 100mm busbar systems</i>	00	4
NSL-IN系列附件 <i>Accessories for series NSL-IN</i>	00	6
2000系列NH条形熔断器式负荷隔离开关 <i>NH fuse-switches vertical design, series 2000 For busbars with centre distance of 185mm</i> 单极分合操作/1-pole switching 用于中心距为185mm母线上直接安装	00/185 1-2-3	7 9
2000系列附件 <i>Accessories for series 2000</i>		12
2000系列特殊结构形式 <i>Special types series 2000</i>		15
NH条形负荷隔离开关 1000A <i>NH-switches vertical design 1000A</i>		13
NH 条形熔断器式负荷隔离开关 单极分合操作 用于中心距185mm母线上直接安装 <i>NH fuse-switch, vertical design, size 4a: 1250/1600A 1-pole switching For busbars with centre distance of 185mm</i>	4a	17
符合IEC/EN 60 269-2-1的NH条形熔断器配电排 用于中心距为100mm和185mm的母线 <i>NH fuse-rails acc.to IEC/EN 60 269-2-1 For 100mm+185mm busbar centre distance</i>	00	18
附件 <i>Accessories</i>	00	18
符合IEC/EN 60 269-2-1的NH条形熔断器排 用于中心距为185mm的母线 <i>NH fuse-rails acc.to IEC/EN 60 269-2-1 for 185mm busbar centre distance</i>	1/2-3	20
附件 <i>Accessories</i>	1/2-3	20

所有EFEN埃芬产品均经过严格质量检测。技术进步是我们的不懈追求。我们对所有说明和数据保留进行修改的权利，恕不事先声明。
EFEN products are governed by a strict quality control. Engineering progresses are a continuous process for us. All information and data may therefore be changed without notification.

埃芬公司NH低压条形熔断器配电排和条形负荷隔离开关
无论在质量、技术还是在安全方面都是顶级产品。埃芬公司在低压高分断能力熔断器、熔断器底座以及NH条形负荷隔离开关领域积累了几十年的制造经验，确保了用户所采用都是技术先进的产品。

绝缘部件由耐高温塑料制成，具有无卤素、不易破损和阻燃等特性。电气触点部件选用经表面优化处理的电解铜。双重隔断设计使操作负荷最小化。埃芬低压条形熔断器配电排和条形负荷隔离开关满足了用户按照VDE 0660/IEC/EN 60 947-3/GB14048.3规定的长期持续运行的需要。

此样本目录列出了详细的标准产品系列，并没有展示所有的专门解决方案。我们丰富的经验可以为客户提供各种附件和多种的经济方案。

NH fuse-rails and fuse-switches are top products as to quality, technique and safety. Decades of EFEN-experience with NH fuse-links, -bases and NH switches are a guarantee for our customers to receive NH devices of advanced technology.

The insulated components are of highly heat resistant plastics, halogen-free, break- and self extinguishing. The electrical contact parts are made of surface-processed E-Cu. By double breaking the strain of the contacts when switching is minimized. NH fuse-rails and -switches offer the user the application under extreme continuous operating according to VDE 0660/IEC/EN 60 947-3/GB14048.3.

This catalogue offers a detailed survey of the standard series, not showing any problem oriented equipments. Our field-experienced accessories offer solutions to our clients' problems, which otherwise are only achievable by use of expensive auxiliary equipments.

Special types, not shown in this catalogue are available. The EFEN engineering team is always ready to work out solutions to users' problems.

符合VDE0660/107-IEC/EN 60 947-3/GB14048.3标准的NH条形熔断器配电排和负荷隔离开关的技术参数

Technical data for NH fuse-switches, vertical design acc. to VDE 0660 / 107 - IEC/EN 60 947-3/GB14048.3.

适用于符合VDE 0636 T201 ¹⁾ 标准的低压高分断能力熔断器 For NH fuse-links acc. to VDE 0636 T201 ¹⁾	尺码 Size	00	1	2	3	4a	3 1000 A ³⁾
额定工作电流 I _e Rated operational current I _e	A	160	250	400	630	1250/ 1600 ²⁾	1000
常规温升电流 I _{th} Conventional free air thermal current I _{th}	A	160	250	400	630	1250/ 1600 ²⁾	1000
额定工作电压 U _e Rated operational voltage U _e	V	690	690	690	690	690	690
额定绝缘电压 U _i Rated insulation voltage U _i	V	1000	1000	1000	1000	1000	1000
额定脉冲电压 Rated impuls withstand voltage	kV	8	8	8	8	8	8
额定条件下的短路电流 (采用熔断器保护时) Rated conditional short circuit current (when protected by fuse-links)	kA	50	50	50	50	50	–
VDE 0660 T107 规定的使用范围 (使用熔断器进行保护) Utilization category IEC 60 947-3	U _e = 400 V U _e = 690 V U _e = 440 V	AC-22B AC-21B DC-21B ⁴⁾	AC-22B AC-21B *	AC-22B AC-21B *	AC-22B AC-21B *	AC-22B AC-21B DC-21B	AC-20B AC-20B DC-20B
机械寿命 Mechanical durability	开关次数 cycles	1600	1600	1000	1000	600	1000
允许的环境温度 Permissible ambient air temperature			–25°C至 /up to +55°C				
防护等级 DIN/EN 60 529/VDE 0470 T1 Type of protection	–	IP 2 x					

备 注： 1) 如果在开关中使用gR熔断器，请索取进一步说明。

2) 使用1600A NH熔断器功率损耗最大 $P_n=140\text{W}$

3) 装有刀闸的隔离开关 (根据客户需求)

4) NSL-IN系列, $U_e=400\text{V}$

* 根据客户要求提供DC产品

Notice: 1) When using gR-fuse-links (VDE 0636/40), please ask for information.

2) 1600 A possible with fuse-links up to a rated power dissipation of 140 W.

3) Isolator unit with solid copper-links only (on demand).

4) NSL-IN Series, $U_e=400\text{V}$

* "DC-Category on demand!"

NH 条形熔断器式负荷隔离开关 尺码 00

NH fuse-switches, vertical design, size 00

NSL-IN系列
NSL-IN Series

埃芬NH条形熔断器式负荷隔离开关 尺码00/160 3 极共分合操作
该新型的开关可以无需打孔安装于60mm或者100mm中心距母线系统上。其50mm的结构的宽度可与100mm宽的尺码1-3型的条形熔断器开关理想地组合。

具有稳定的机械、电气和耐热性能的塑胶件同样具有阻燃、无卤素的特性，并且保证了开关的经久耐用。

选择IN系列00型条形开关永远是您正确的选择！

符合VDE 0660/107-IEC/EN 60 947-3

NH fuse-switches, vertical design, Size 00/100 3-pole switching
The New EFEN Fuse-switches are designed and constructed for use of direct mounting on busbar systems 60mm or 100mm centre distance without drilling. The width of unit is only 50mm, which is compact and can be combined ideally with the 100mm width NH-fuse switches size 1-3.

You can count on a high robust durability during service. Mechanical, electrical and thermal stable plastics which are also self-extinguishing and halogen-free grant the use during extreme continuous operation.

You always have chosen the correct fuse-switch by using the NH fuse-switch vertical design series IN size 00.

NH条形熔断器式负荷隔离开关 3极共分合操作 尺码00: 160A用于中心距为60mm母线
NH fuse-switches,vertical design,size 00:160A ,3-pole Switching for busbars 60mm centre distance

接线形式/ <i>Terminal</i>	电 流 A	订 货 号 <i>Order-no.</i>	品 名 <i>Description</i>
通用连接U5（螺母M8）顶部出线 Multiple use terminal U5(screw M8) Top	160	38534.5000	NH-La-Lei 00 IN 3PO 60 U5
通用连接U5（螺母M8）底部出线 Multiple use terminal U5(screw M8) bottom	160	38534.1000	NH-La-Lei 00 IN 3PU 60 U5

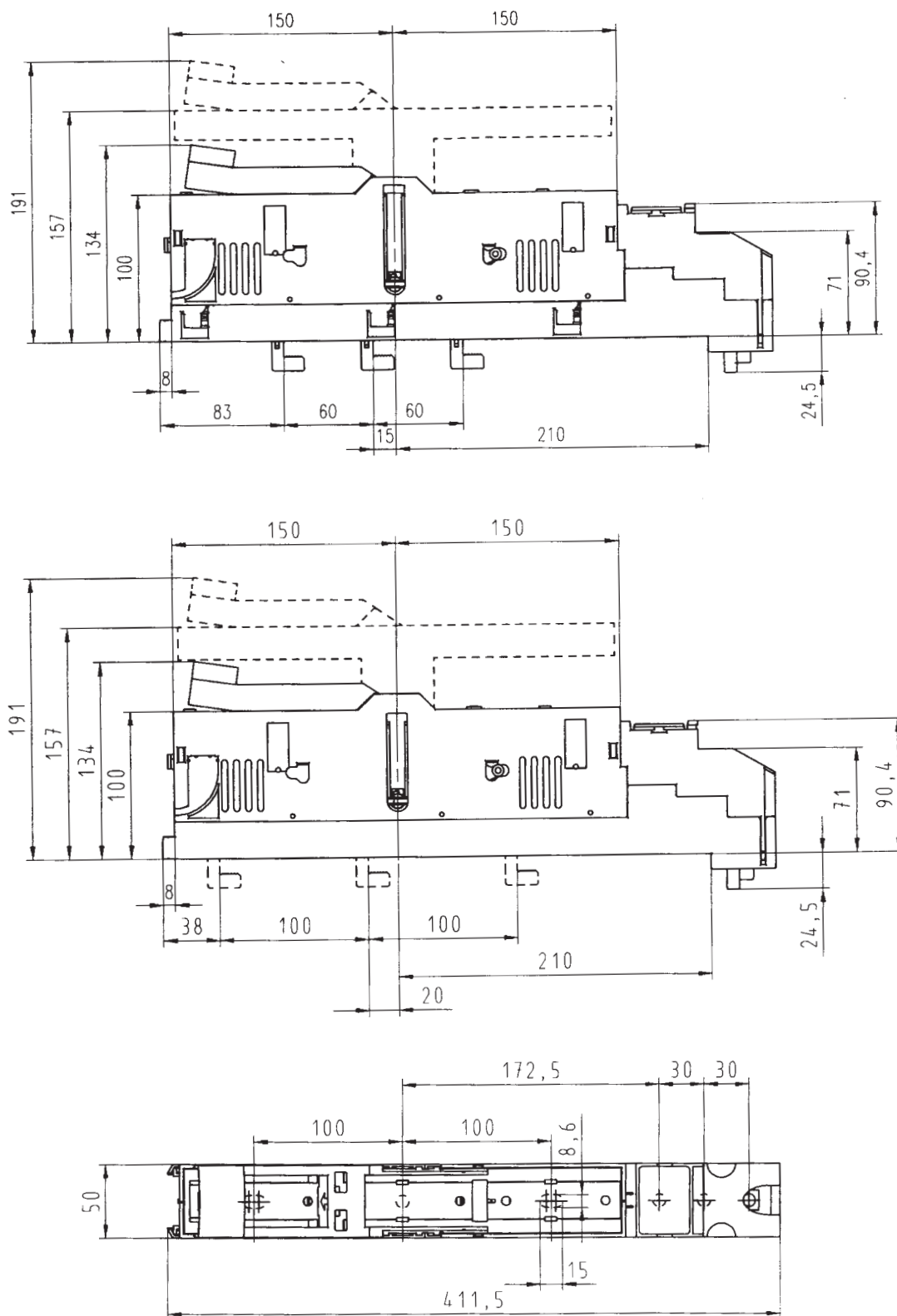
NH条形熔断器式负荷隔离开关 3极共分合操作 尺码00: 160A
用于中心距为100mm母线 顶部/底部出线可选
NH fuse-switches,vertical design,size 00:160A ,3-pole Switching for busbars 100mm centre distance
Cable terminal top/bottom selection possible

接线形式/ <i>Terminal</i>	电 流 A	订 货 号 <i>Order-no.</i>	品 名 <i>Description</i>
通用连接U5（螺母M8） Multiple use terminal U5(screw M8)	160	38544.0000	NH-La-Lei 00 IN 3P U5

* M8螺母接线时扭矩为14Nm。
The tightening torque for M8 screw is 14Nm.
带螺栓和棱形接线压块线夹接线时扭矩为4Nm。
The tightening torque for teminal pressure plates and terminal contact prism is 4 Nm.

NH条形熔断器式负荷隔离开关 尺码00: 160A三极共分合操作
NH fuse-switches, vertical design, size 00: 160A 3-pole Switching

无需打孔直接安装于中心距60mm和100mm母线
NH Fuse-switches vertical design series IN size 00
Without drilling on 60mm and 100mm busbar systems



NH 条形熔断器式负荷隔离开关 尺码 00 三极共分合操作

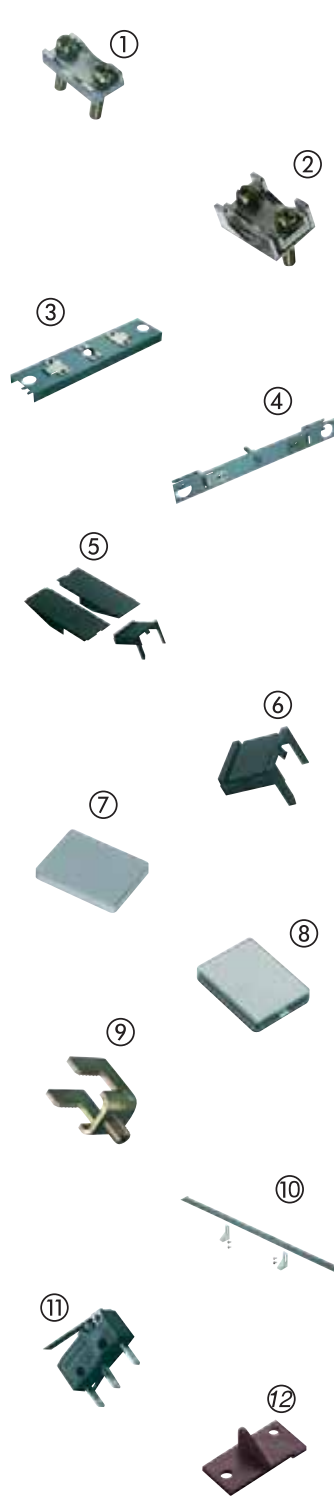
NH fuse-switches, vertical design, size 00 3-pole Switching

IN THE LINE OF POWER

6

NSL-IN系列
NSL-IN Series
附件/Accessories

符合VDE 0660/107-IEC/EN 60 947-3

	订货号 Order-no.	品名 Description	图号 picture
	36238.0010	带螺栓线夹(1套=3个) 直接连接1.5-25mm ² 线缆或母线规格小于16x10mm Pressure plates(1 set=3 pcs) For direct connection of cables, 1.5-25mm ² Of flat cable <16x10mm	①
	36239.0010	带螺栓和棱形接线压块的线夹(1套=3个) 直接连接1.5-95mm ² 线缆 Pressure plates with contact prism (1 set=3 pcs) For direct connection of cables 1.5-95mm ²	②
	36235.0020	双转接板100/185 用于将2个尺码00/100条形开关安装于中心距185mm母线 Twin adapter 100/185 For mounting of 2 NH Fuse-switches size 00/100 on busbar system with 185mm centre distance	③
	36035.0020	单转接板100/185 用于将1个尺码00/100条形开关安装于中心距185mm母线 Mono adapter 100/185 For mounting of 1 NH Fuse-switches size 00/100 on busbar system with 185mm centre distance	④
	36237.0010	调整隔板(1套=2件) 用于补偿条形开关尺码00和尺码1-3间的长度差 Adjusting frames(1set=2pcs.) To adjust longitudinal difference between NH Fuse-switches size 00 and size 1-3	⑤
	31568.0100	标志牌插座 卡扣安装于条形开关 Carrier for identification For clip-mounting onto housing of the fuse-switch	⑥
	36233.0010	标记牌 卡扣安装于标志牌插座 Identification lable For clip-mounting on carrier or terminal cover	⑦
	36234.0010	标记牌(可卸式) 安装于调整隔板上 Identification lable(with threads) For mounting onto adjusting frames	⑧
	36240.0010	连接挂钩(1套=3件) 用于无孔直接安装于中心距100mm母线 Contact hooks(1 set=3 pcs.) For mounting without drilling on busbar systems with 100mm centre distance	⑨
	36236.0010	侧面框架 安装于条形开关机架上, 框架位置可调 Side frame To be assembled at the housing of the fuse-switch. The frame position is adjustable without any steps	⑩
	36252.0010	微动开关 用于位置指示 Micro switch For position indicating will be clipped in the housing of the fuse-switch	⑪
	31559.0100	视窗联锁 滑动视窗锁定用于触电保护 Window interlock Interlocking of the sliding window Prevents access to live parts	⑫

NH条形负荷隔离开关 尺码00/185, 单极分合操作

50mm的宽度可与宽度为100mm的尺码1-3的NH条形熔断器式负荷隔离开关理想组合。无论在闭合或是开断状态均能满足 BGV A3的触电保护标准。由于电缆连接端特别充裕空间以及每极单独开断的设计, 因此系列开关特别适用于电缆配电柜以及低压供电网的配电。

NH fuse switches size 00/185, single pole switchable

are in their vertical width of 50 mm ideal competable with the 100 mm NH fuse switch size 1-3. The conditional shock-protection according to BGV A3 is met in either way, switch-on or switch-off position. Through the special spacious cable-service-area and the possibility to disconnect each phase separately, these fuses are exquisitely operational for fitting into the cable terminal boxes or into the low-voltage distribution net of the energy supply system.

条形NH熔断器式负荷隔离开关 尺码00: 160 A, 单极分合操作, 用于中心距185mm的母线

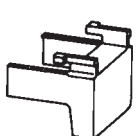
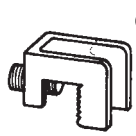
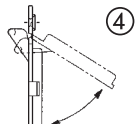
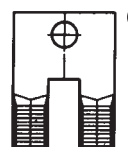
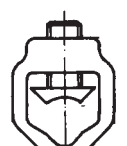
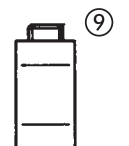
NH fuse-switches, vertical design, size 00: 160 A, 1-pole switching, for busbars with 185 mm centre distance

接线形式 Terminal	电流 A	订货号 Order-no.	品名 Description
 U5	160	38520.0000	NH-La-Lei 00/185 1P U5
 V2N	160/250*	38525.0600	NH-La-Lei 00/185 1P VK V2N

其它结构形式可根据需要提供/ Other types on demand.

*使用专用固定连接件, 尺码00可达到250A/250 A by using special solid-links size 00.

附件/ Accessories

	订货号 Order-no.	品名 Description	图号 Picture
 ①	31122.0100	标志牌插座 / Carrier for identification label	①
 ②	36036.0010	连接挂钩 (用于无孔直接安装) (1套=3件) Contact hooks (for mounting without drilling) (1 set = 3 pcs.)	②
 ③	36040.0010	标记牌 (可卸式) Nameplate (with thread)	③
 ④	36246.0010	标志牌插座 / Carrier for identification label	④
 ⑤	36048.0010	安装钩 (1套=2件) Mounting hooks (1 set = 2 pcs.)	⑤
 ⑥	83495.0100	压块 1,5-25mm ² (1套=3件) Pressure plate 1,5-25 mm ² (1 set = 3 pcs.)	⑥
 ⑦	83496.0100	棱形接线压块 (1套) Pressure plate with contact prism (1 set) re/rm/se/sm 2,5-95 mm ²	⑦
 ⑧	85138.0100	微动开关 / Microswitch	
 ⑨	36105.0010	双转接板 185/185 Twin adapter 185/185	见第8页 page 8
 ⑩	36035.0050	单转接板 185/185 Mono-adapter 185/185	⑩
 ⑪	36125.0010	U型-连接排 PEN connecting lug	⑪
 ⑫	85246.0100	V-连接端子 35-70sm / V-clamp 35-70 sm	⑫
 ⑬	36226.0010	接线端子 2xM8 Terminal connection set for 2 x M8	
 ⑭	36119.0010	空档盖板 50/185, 用于双转接板 Blank panel cover 50/185 for twin adapter	

NH 条形熔断器式负荷隔离开关 尺码 00

NH fuse-switches, vertical design, size 00

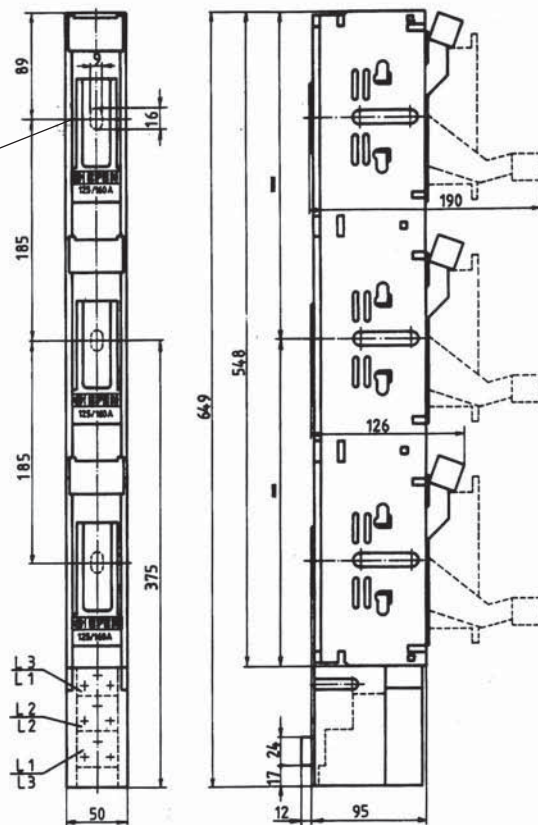
8

2000系列
Series 2000

符合VDE 0660/107 - IEC/EN 60 947-3

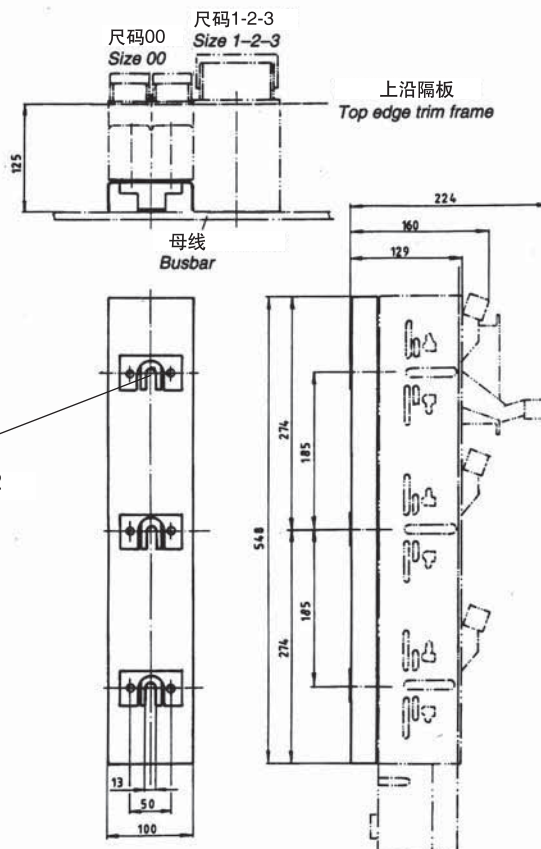
NH条形熔断器式负荷隔离开关, 尺码00/185: 125/160 A
NH fuse-switch, vertical design, size 00/185: 125/160 A

固定方式: M8
Fastening: M8



母线转接板 185/185mm
Busbar adapter 185/185 mm

固定方式: M12
Fastening: M12



NH 条形熔断器式负荷隔离开关 尺码1-3 2000系列

适用于中心距为185mm的母线系统,所有规格具有统一的宽度尺寸100mm。因此配电盘柜可得到一致的设计布局。熔断器的平行开闭设计使开关的实际动作速度增加一倍并获得极佳的高分断能力。

通过操作多功能夹可使开关处于可靠的分离位置。新型的自由滑动机构使操作非常简便。在开或闭合位置, 锁定设计保证了开关操作的可靠固定, 防止了非专业人员的误操作。

2000系列NH条形开关尺码1-3具备多种电缆接线方式, 可以任意选择上下出线。所有开关位置均具备符合BGV A3的防触电保护。使用安装钩将开关置于较高位置母线上, 使带电状态下的安装和操作更加简便和安全。所有绝缘材料均具有阻燃、无卤素以及极佳耐热性等特点。

用于25-300mm²导体截面积的V2N-/V2MD接线端子

使用V2N-/V2MD接线端子可拓展端子连接的范围。V2N与常用的V连接相兼容, 能够连接横截面为70-300mm²的电缆。使用经过改造的V连接端子(V2N),端子连接范围可扩展到25-300mm²。

NH fuse-switches size 1-3 series 2000

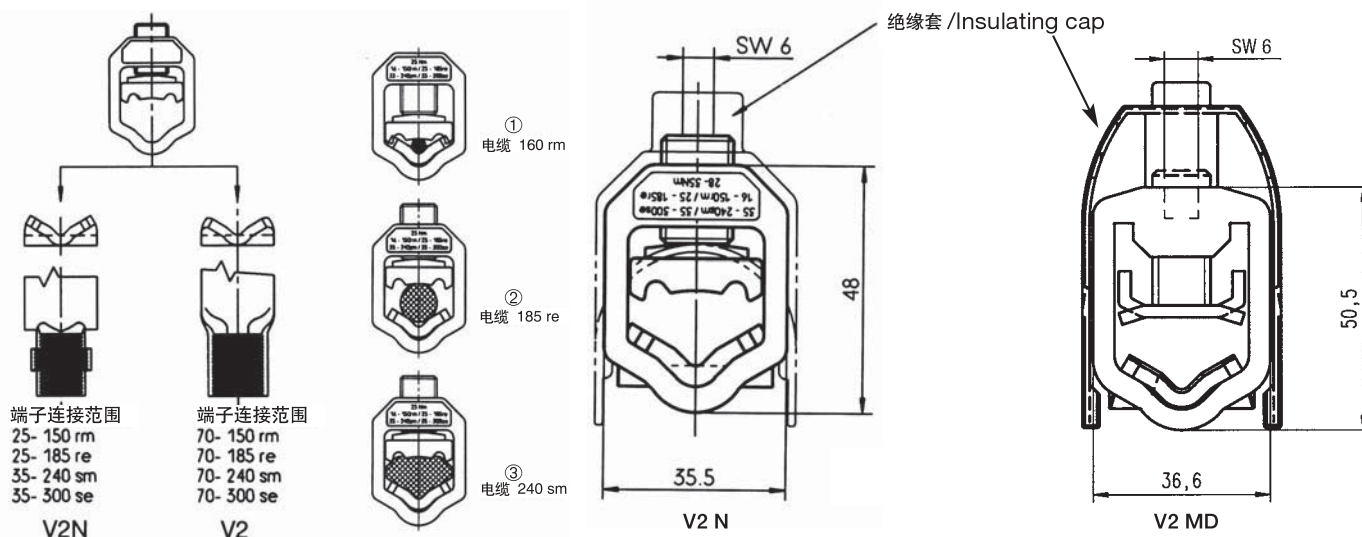
are usable for busbar systems 185 mm and have in all model types the same vertical dimensions of 100 mm. This makes it possible to achieve a uniform layout in the switchboard. With the parallel guidance of the NH fuse links a double speed is achieved and the high breaking capacity can be achieved.

After activating the vario-key to turn-off position the product can be put into a secure pad log position. This is most convenient through the new spacious free floating mechanism. In either on- or off position, the switch control can be secured through key locks against a unauthorized turn-on.

The NH fuse-switches vertical design size 1-3 series 2000 offers a variable selection of cable terminal on either top or bottom. A protection against direct contact according to BGV A3 is given in all operating positions. Assembly hooks do make it possible to place fuse switch on upper busbar where assembling under current is easier and safer. All insulating material is self extinguishing, halogen free and extremely heat resistant.

V2N-/V2MD clamp for 25-300 mm² range

By using the V2N-/V2MD clamp combination a new wide range can be covered. The V2N-clamp is compatible with the traditional V-stamped terminal and offers the possibility of connecting a cable-cross-section from 70 - 300 mm². By using the device with a modified V-stamped terminal version (V2N) the clamp area will extend to 25-300 mm².



品名 Description	横截面 Cross section ¹⁾	订货号 Order no.
接线端子V2N (1套=3件) Clamp V2N (1 set = 3 pcs.)	25-150 rm ① 25-185 re ② 35-240 sm ③ 35-300 se ③	36148.0010
绝缘套 Insulating cap	-	31516.0100

品名 Description	横截面 Cross section ¹⁾	订货号 Order no.
接线端子V2 MD (1套=3件) Clamp V2 MD (1 set = 3 pcs.)	25-240 rm 25-240 re 35-240 sm 35-300 se	36298.0010
绝缘套 Insulating cap	-	31607.0100

1) 此横截面仅适合于使用专用V形端子

This cross section is only possible when using switches with special V-shaped terminal.

NH 条形熔断器式负荷隔离开关 尺码 1-2-3

NH fuse-switches, vertical design, size 1-2-3

10

2000系列
Series 2000

符合VDE 0660/107-IEC/EN 60 947-3

NH条形熔断器式负荷隔离开关 尺码1N: 250 A *INH fuse-switches, vertical design, size 1N: 250 A*

接线形式 <i>Terminal</i>	电流 A	型号 <i>Type</i>	订货号 <i>Order-no.</i>	品名 <i>Description</i>
固定螺母M12 <i>Inserted screw nut M12</i> 	250	单极分合 <i>single pole switching</i>	38614.0000	NH-La-Lei 1N 1P S6
		3极共分合 <i>three pole switching</i>	38614.0020	NH-La-Lei 1N 3P S6
直立螺栓M12x30 <i>Threaded bolt M12 x 30</i> 		单极分合 <i>single pole switching</i>	38612.0000	NH-La-Lei 1N 1P B6
		3极共分合 <i>three pole switching</i>	38612.0020	NH-La-Lei 1N 3P B6
V-压紧件 <i>V-stamped</i> 		单极分合 <i>single pole switching</i>	38615.0000	NH-La-Lei 1N 1P V2
		3极共分合 <i>three pole switching</i>	38615.0020	NH-La-Lei 1N 3P V2

1) 如订购连接端子, 请参见12页 / For connecting terminals see page 12

NH条形熔断器式负荷隔离开关 尺码2N: 400 A *INH fuse-switches, vertical design, size 2N: 400 A*

接线形式 <i>Terminal</i>	电流 A	型号 <i>Type</i>	订货号 <i>Order-no.</i>	品名 <i>Description</i>
固定螺母M12 <i>Inserted screw nut M12</i> 	400	单极分合 <i>single pole switching</i>	38624.0000	NH-La-Lei 2N 1P S6
		3极共分合 <i>three pole switching</i>	38624.0020	NH-La-Lei 2N 3P S6
直立螺栓M12x30 <i>Threaded bolt M12 x 30</i> 		单极分合 <i>single pole switching</i>	38622.0000	NH-La-Lei 2N 1P B6
		3极共分合 <i>three pole switching</i>	38622.0020	NH-La-Lei 2N 3P B6
V-压紧件 <i>V-stamped</i> 		单极分合 <i>single pole switching</i>	38625.0000	NH-La-Lei 2N 1P V2
		3极共分合 <i>three pole switching</i>	38625.0020	NH-La-Lei 2N 3P V2

1) 如订购连接端子, 请参见12页 / For connecting terminals see page 12

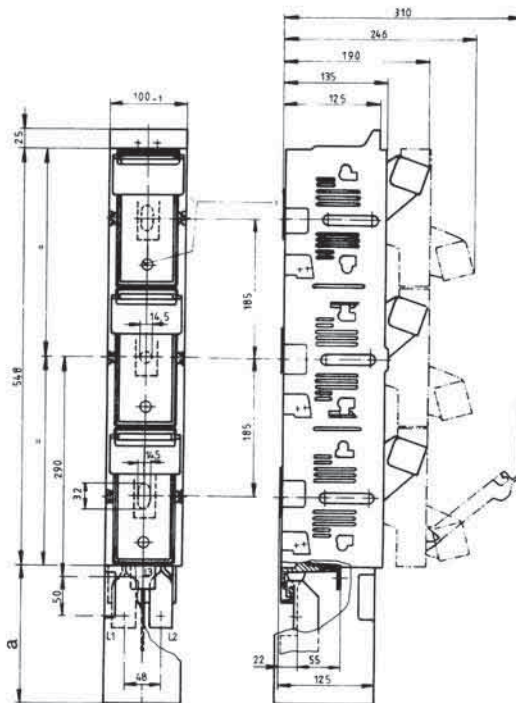
NH条形熔断器式负荷隔离开关 尺码3N: 630 A *INH fuse-switches, vertical design, size 3N: 630 A*

接线形式 <i>Terminal</i>	电流 A	型号 <i>Type</i>	订货号 <i>Order-no.</i>	品名 <i>Description</i>
固定螺母M12 <i>Inserted screw nut M12</i> 	630	单极分合 <i>single pole switching</i>	38634.0000	NH-La-Lei 3N 1P S6
		3极共分合 <i>three pole switching</i>	38634.0020	NH-La-Lei 3N 3P S6
直立螺栓M12x30 <i>Threaded bolt M12 x 30</i> 		单极分合 <i>single pole switching</i>	38632.0000	NH-La-Lei 3N 1P B6
		3极共分合 <i>three pole switching</i>	38632.0020	NH-La-Lei 3N 3P B6
V-压紧件 <i>V-stamped</i> 		单极分合 <i>single pole switching</i>	38635.0000	NH-La-Lei 3N 1P V2
		3极共分合 <i>three pole switching</i>	38635.0020	NH-La-Lei 3N 3P V2

1) 如订购连接端子, 请参见12页 / For connecting terminals see page 12

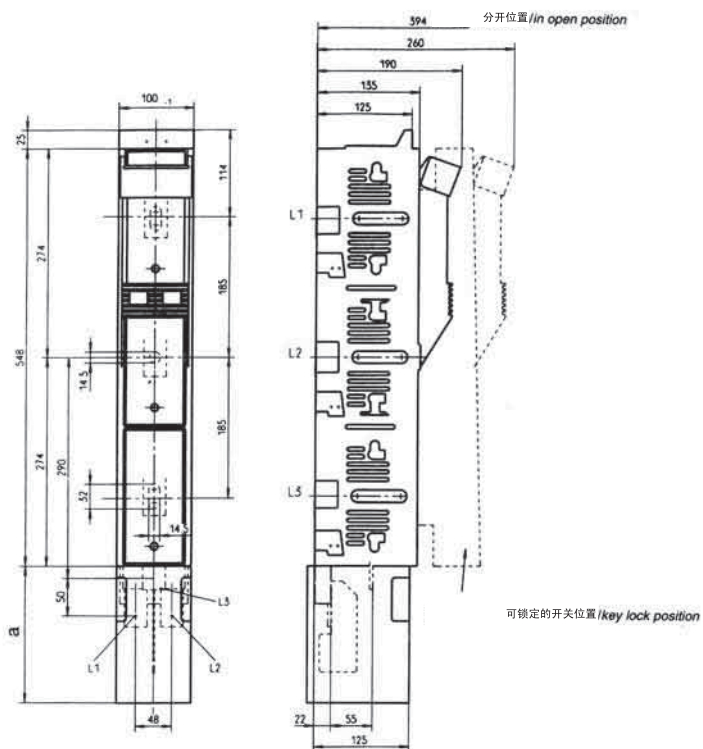
单极分合
single pole switching

连接形式 Terminal	尺寸 Dim. a
固定螺母M12 Inserted screw nut M12	180
V-压紧件 V-stamped	140



3极共分合
three pole switching

连接形式 Terminal	尺寸 Dim. a
固定螺母M12 Inserted screw nut M12	180
V-压紧件 V-stamped	140



NH 条形熔断器式负荷隔离开关 尺码 1-2-3

NH fuse-switches, vertical design, size 1-2-3

12

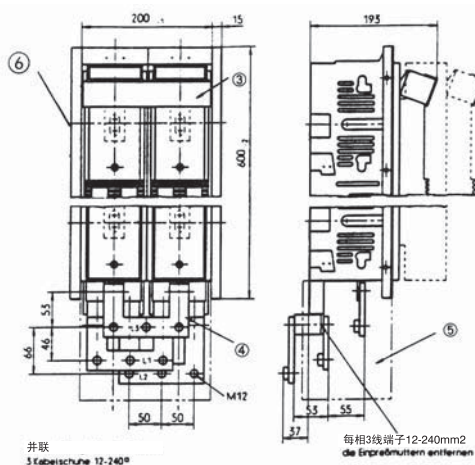
附件 用于NH条形熔断器式负荷隔离开关 2000系列

Accessories for NH fuse-switches vertical design, series 2000

	订购号 Order-no.	尺码 Size	品名 Description	图号 Picture
	36148.0010	1-2	V2N接线端子 35-240 ² sm/35-300se V2N-Clamb 35-240 ² sm/35-300 se	①
	36138.0010	1-2	V2N接线端子 35-240 ² sm带夹块 V2N-Clamb 35-240 ² sm with terminal lug	
	36025.0050	1-2	V2N接线端子 2x50-185 ² sm/2x70-240 ² se V2 N-Clamb 2 x 50-185 ² sm/2 x 70-240 ² se	
	36025.0060	1-2	V-接线端子 35-185 ² sm/50-240 ² se V-Clamb 35-185 ² sm/50-240 ² se	①a
	36298.0010	1-2	V2MD接线端子 35-240 ² sm/35-300se V2 MD-Clamb 35-240 ² sm/35-300 se	①b
	36063.0010	1-2	钳式端子50-150 ² se/35-70re/rm Claw clamb 50-150 ² se/35-70 re/rm	②
	45071.0100	1-2-3	2组开关平行联动使用的连接板(双开关) Connectingframe for parallel operation of 2 NH fuse-switches	见下 see below ③
	36106.0020	1-2-3	连接端子(用于双开关) Terminal for parallel switch	见下 see below ④
	36106.0030	1-2-3	连接室盖板用于双开关 Terminal cover for parallel switch	见下 see below ⑤
	36104.0010	1-2-3	侧面隔板条 /side frame	见下 see below ⑥
	36107.0010	1-2-3	微动开关 /Micro switch	
	36102.0020	1-2-3	空档盖板100mm Blank panel cover 100 mm width	⑦
	36110.0010	1-2-3	用于高度调节的支撑螺栓(1套) Distance bolts for height adjusting (1 set)	
	31319.0200	1-2-3	连接室盖板140mm Terminal cover 140 mm	⑧
	31319.0100	1-2-3	连接室盖板140mm Terminal cover 140 mm	⑨
	36133.0010	1-2-3	标记牌 70x45mm Nameplate 70 x 45 mm	⑩
	36040.0010	1-2-3	标记牌 45x17mm Nameplate 45 x 17 mm	⑪
	36048.0010	1-2-3	安装钩(1套) Mounting hooks (1 set)	⑫

更多附件请见产品样本NZ

Further accessories see list NZ



1000A-隔离开关

在用于母线系统配电中,如果无需熔断器保护,只需1个分离断点时,可以选用1000A条形负荷隔离开关。此装置配备低功率损耗的1000A分离闸刀。通过操作多功能夹可以使开关处于可靠的分断位置。锁定设计保证了开关操作的可靠固定,防止了非专业人员的误操作。

1000A-Incoming switch

The NH switch 1000 A is used as an incoming unit for busbar systems, when no protection with NH fuses, instead only a breaking point is requested. The switches will be delivered with special solid links 1000A with a low power dissipation. After activation the vario-key to turn-off-position the switch can be put into a secure pad log position. The switch can be secured through key logs against an unauthorized operating.

接线形式 Terminal	电流 A	型号 Type	订货号 Order-no.	品名 Description
固定螺母M12 顶部/底部出线 Inserted screw nut M12 top/bottom	1000	单极分合 single pole switching	38634.0260	NH-Tr-Lei 3N 1P 1000A S6
	1000	3极共分合 three pole switching	38634.0250	NH-Tr-Lei 3N 3P 1000A S6
M12-后连接 M12 – Terminal back side	1000	单极分合 single pole switching	38630.0530	NH-Tr-Lei 3N 1PH 1000A L6
	1000	3极共分合 three pole switching	38630.0540	NH-Tr-Lei 3N 3PH 1000A L6
M12-侧面连接 M12 – sidewise branch connection	1000	单极分合 single pole switching	38630.0140	NH-Tr-Lei 3N 1PL/R 1000A L6
	1000	3极共分合 three pole switching	38630.0150	NH-Tr-Lei 3N 3PL/R 1000A L6

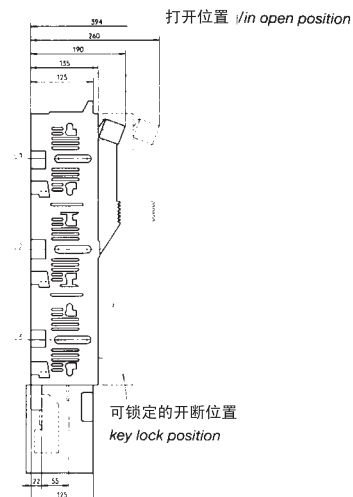
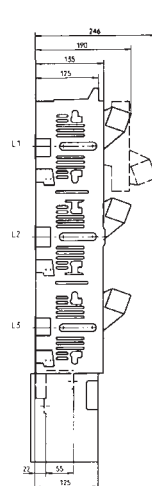
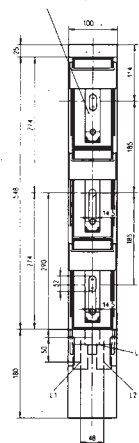
NH 条形熔断器式负荷隔离开关 尺码 1000A

NH switches, vertical design, 1000 A

14

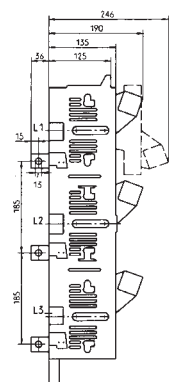
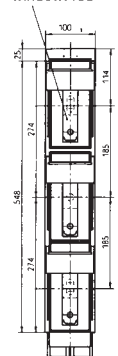
顶部/底部连接
top/bottom back connection

窗口: 红色
window: red



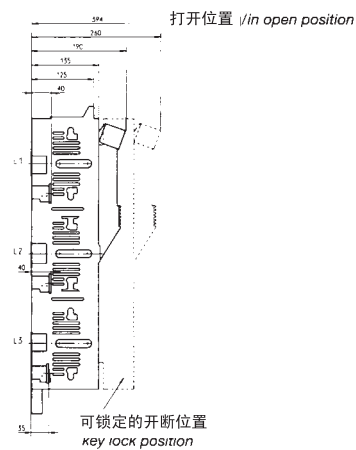
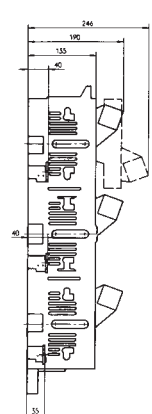
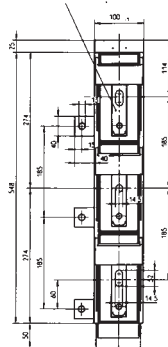
后背连接
rear back connection

窗口: 红色
window: red



侧面连接
sidewise back connection

窗口: 红色
window: red



NH条形熔断器式负荷隔离开关 2000系列**条形设计, 用于水平安装**

2000系列尺码1-2-3特殊结构形式的条形开关也适用于水平安装

NH fuse-switches series 2000**vertical design, for horizontal mounting**

The NH fuse-switches, vertical design, sizes 1-2-3 as special types, are suited for horizontal mounting.

接线形式 Terminal	电流 A	型号 Type	订货号 Order-no.	品名 Description
固定螺母M12 Inserted screw nut	250	单极分合 single pole switching	38614.0180	NH-La-Lei 1N 1P WA S6
		3极共分合 three pole switching	38614.0170	NH-La-Lei 1N 3P WA S6
固定螺母M12 Inserted screw nut	400	单极分合 single pole switching	38624.0180	NH-La-Lei 2N 1P WA S6
		3极共分合 three pole switching	38624.0170	NH-La-Lei 2N 3P WA S6
固定螺母M12 Inserted screw nut	630	单极分合 single pole switching	38634.0180	NH-La-Lei 3N 1P WA S6
		3极共分合 three pole switching	38634.0170	NH-La-Lei 3N 3P WA S6

尺寸请参见11页 / Dimensions see page 11

NH条形熔断器式负荷隔离开关 2000系列**条形设计, 配有侧面接线**

NH条形熔断器式负荷隔离开关, 尺码2和尺码3均具备侧面接线结构设计。该结构形式均具备单极分合和3极共分合2种操作选择。

NH fuse-switches series 2000**vertical design, with sidewise back connection**

NH fuse-switches, vertical design, size 2 + 3 are also available with sidewise back cable. These versions are single-pole or three-pole switching.

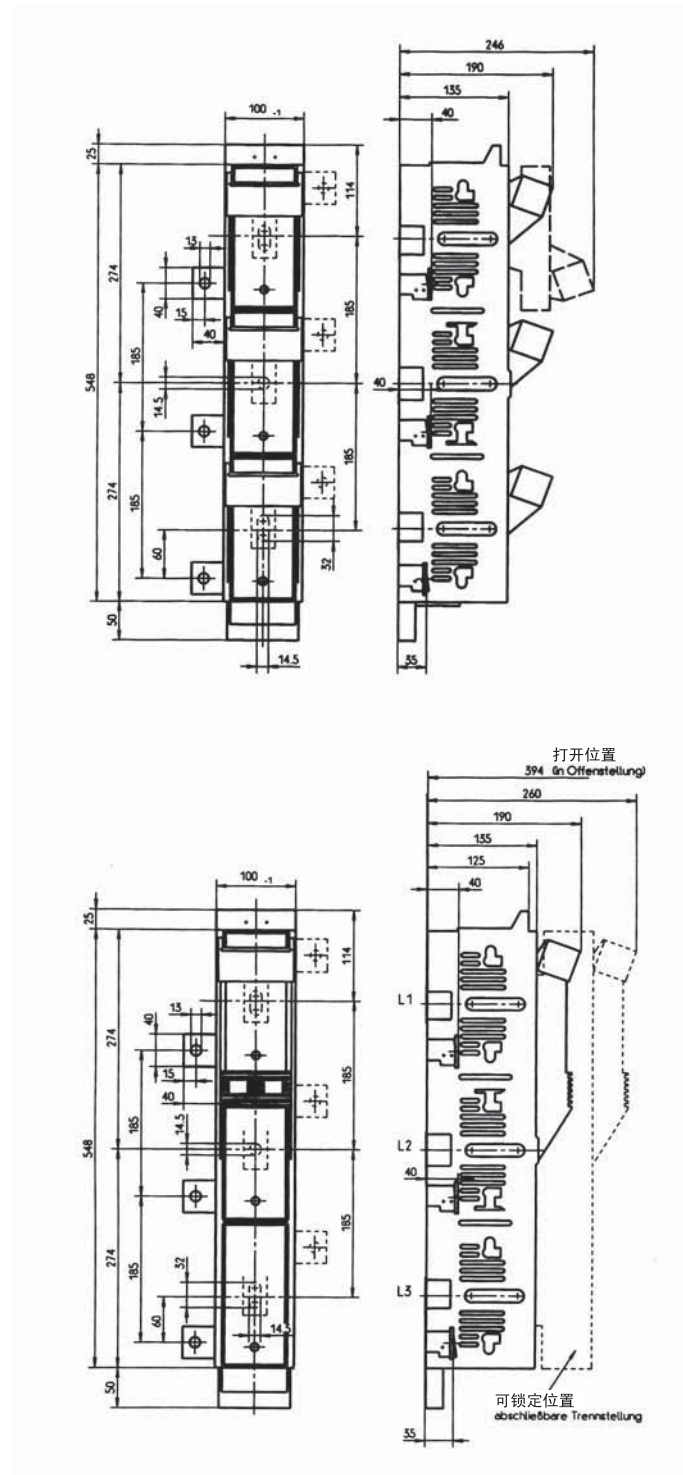
接线形式 Terminal	电流 A	型号 Type	出线端 Branch cable	订货号 Order-no.	品名 Description
M12	400	单极分合 single pole switching	右/左侧 right/left	38620.0120	NH-La-Lei 2N 1PL/R L6
	630			38630.0120	NH-La-Lei 3N 1PL/R L6
M12	400	3极共分合 three pole switching	右/左侧 right/left	38620.0130	NH-La-Lei 2N 3PL/R L6
	630			38630.0130	NH-La-Lei 3N 3PL/R L6

NH fuse-switches, vertical design, size 1-2-3

16

NH条形熔断器式负荷隔离开关 侧面接线 尺码2+3: 400A+630 A

NH fuse-switch, vertical design, with sidewise back connection, size 2 + 3: 400 A + 630 A

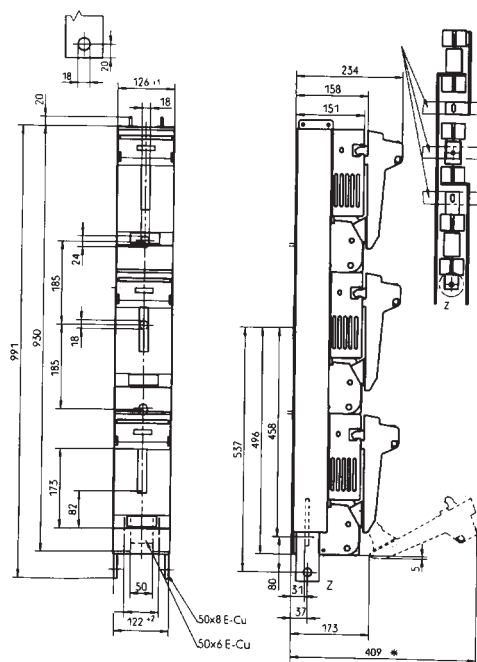


NH条形熔断器式负荷隔离开关, 尺码4a: 1250/1600 A
NH fuse-switches, vertical design, size 4a: 1250/1600 A

接线形式 <i>Terminal</i>	电流 A	型号 <i>Type</i>	出线端 <i>Branch cable</i>	订货号 <i>Order-no.</i>	品名 <i>Description</i>
 M16	1250 ²⁾	单极分合 <i>single-pole switching</i>	底部/bottom	38400.0000	NH-La-Lei 4a 1PU L8
			顶部/top	38450.0000	NH-La-Lei 4a 1PO L8
 2 x M12	1600 ²⁾	单极分合 <i>single-pole switching</i>	底部/bottom	38400.0020	NH-La-Lei 4a 1PU 1600 A L6
			顶部/top	38450.0020	NH-La-Lei 4a 1PO 1600 A L6

- 1) 其它结构形式可根据需要提供
Other types on demand.
- 2) 使用1600A时NH熔断器额定损耗功率 $P_n=140W$
当几个尺码为4a的开关需要并行安装时，必须要考虑连接部分的间距
1600 A possible with fuse-links up to a rated power dissipation of 140 W.
When several units of size 4a have to be installed side-by-side, the distance between has to respect the dimensions of connecting parts.

NH条形熔断器式负荷隔离开关, 尺码4a: 1250/1600A
NH fuse-switch, vertical design, size 4a: 1250/1600 A



NH 条形熔断器配电排 尺码 00

NH fuse-rails, size 00

符合 IEC/EN 60 269-2-1
设计 C/design C

NH条形熔断器配电排 尺码00

为封闭型结构，按照BGV A3 对触点和连接室的罩盖封闭要求对带电部分实现全防护，符合IEC/EN 60 269-2-1 设计C标准。结构宽度只有50mm，可与宽度为100mm尺码1/2-3的条形熔断器排理想组合应用。由于紧密排列安装的设计，让无意识的触摸条形熔断器排间的母线不可能。该基本形式设计用于中心距为100mm的母线。通过使用专用转接板也可安装于60mm或185mm的母线。

NH fuse-rails, size 00

according to IEC/EN 60 269 – 2 – 1 design C are fully protected against direct contact with live parts acc. to BGV A3 by cover on feeder contacts. The racks are compact with a width of only 50 mm and can ideally be combined with the 100 mm width NH fuse-rails sizes 1/2 – 3. Unintentional contact of the busbar between the units is not possible, as they are very tightly packed. The basic design is layed out for busbars of 100 mm. By using special adapters mounting onto busbars of 60 mm or 185 mm centre distance is possible.

NH条形熔断器配电排 尺码00: 125/160 A

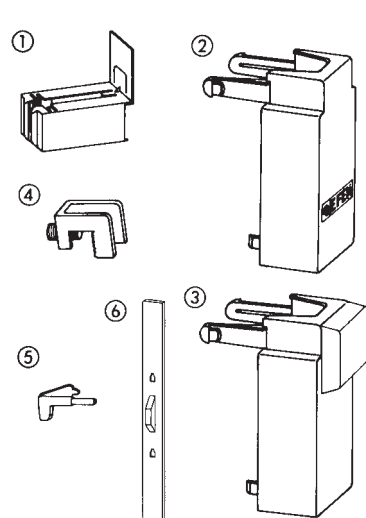
NH fuse-rails, size 00: 125/160 A

结构形式 Type	接线形式 Terminal	电流 A	订货号 Order-no.	品名 Description	母线间距 Busbar centre distance
无触点和连接室罩盖 without contact- and terminal-cover	M8	160 ¹⁾	38550.0000	NH-Lei 00N G4	100 mm
有触点和连接室罩盖 with contact- and terminal-cover	M8	160 ¹⁾	38550.0020	NH-Lei 00N Sh G4	100 mm
	U3	125/160 ²⁾	38551.0020	NH-Lei 00N Sh U3	
	U4	160	38552.0020	NH-Lei 00N Sh U4	
无触点和连接室罩盖 without contact- and terminal-cover	U5	160	38570.0000	NH-Lei 00/185 U5	185 mm
有触点和连接室罩盖 with contact- and terminal-cover	U5 V2N	160 160/250 ³⁾	38570.0020 38575.0600	NH-Lei 00/185 Sh U5 NH-Lei 00/185 Sh VK V2N	

母线转接板请联系我们
Busbar Adapter on demand

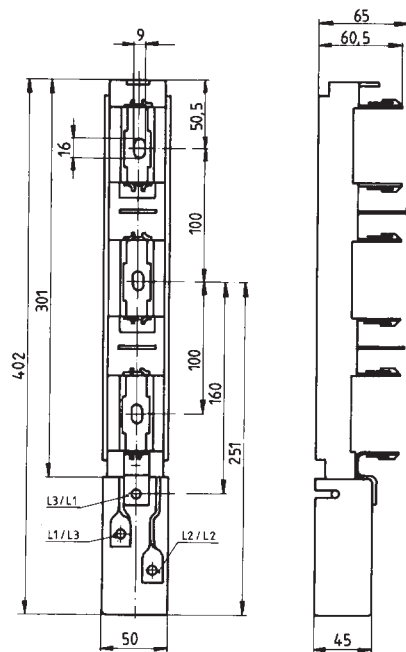
- 1) 接线方式为电缆连接,接线端50²(125A)。接线方式为平面端,宽度为20mm(160 A)
Cable terminal 50² (125 A). Flat terminal 20 mm width (160 A).
- 2) 如使用连接附件83349.0500连接范围可至160A。 / When using connectors no. 83349.0500 up to 160 A allowable.
- 3) 使用专用固定连接件，尺码00可达250A / 250 A by using special solid-links size 00.

附件
Accessories

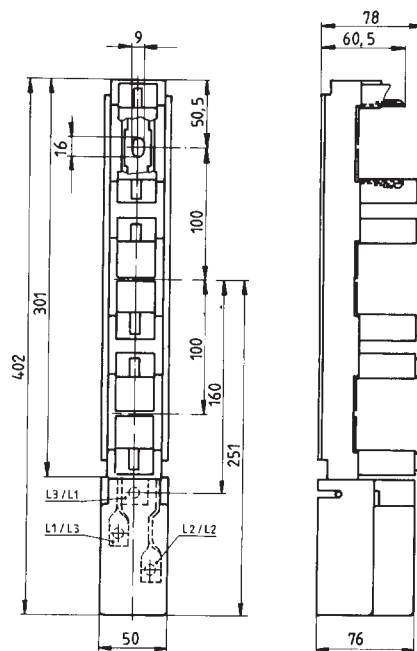
	订购号 Order-no.	品名 Description	图号 Picture
	36034.0010	触点罩盖 (1套=3对) Contact-cover (1 set = 3 pairs)	①
	31104.0100	连接室罩盖 Terminal-cover	②
	31334.0100	连接室罩盖 Terminal-cover	③
	36036.0010	连接挂钩 (用于无孔直接安装) 1套 Contact hooks (for mounting without drilling) 1 set	④
	36048.0010	安装钩 (1套=2件) Mounting hooks (1 set = 2 pcs.)	⑤
	36130.0010	用于NH-Lei 00/185的盖板 Cover for NH-Lei 00/185	⑥

NH条形熔断器配电排 尺码00/100: 125/160 A

NH fuse-rails, size 00/100: 125/160 A



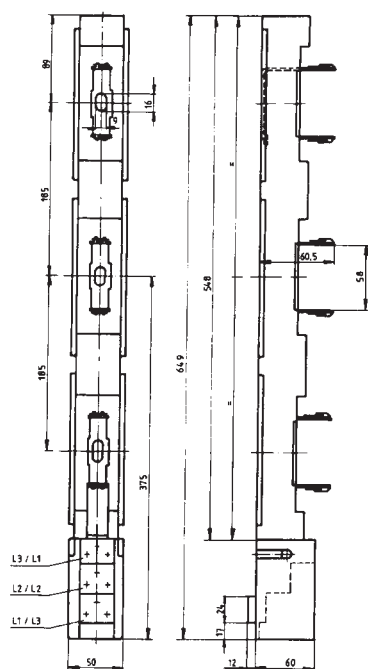
无触点和连接室罩盖
without contact- and terminal-cover



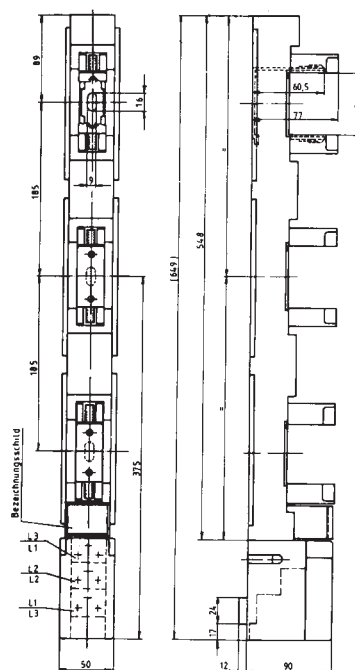
有触点和连接室罩盖
with contact- and terminal-cover

NH条形熔断器配电排 尺码00/185: 160 A

NH fuse-rails, size 00/185: 160 A



无触点和连接室罩盖
without contact- and terminal-cover



有触点和连接室罩盖
with contact- and terminal-cover

NH 条形熔断器配电排 尺码 1/2 – 3

NH fuse-rails, size 1/2 – 3

符合IEC/EN 60 269-2-1
设计 B/design B

NH条形熔断器配电排 尺码 1/2 – 3

为封闭型结构，按照BGV A3 对触点和连接室的罩盖封闭要求对带电部分实现全防护，符合IEC/EN 60 269-2-1 设计B标准。通过对熔断器采用罩盖封闭从而实现触点保护。当熔断器排紧密的排列后，手便不可能触摸熔断器排间的母线。完全绝缘结构设计，将馈电连接部分完全遮盖。埃芬NH条形熔断器排尺码1/2-3在外观和尺寸上是完全相同的，从而保证了熔断器排的可互换性。完全绝缘的安装挂钩（详见附件）简化了母线上的带电安装。

NH fuse-rails, sizes 1/2 – 3

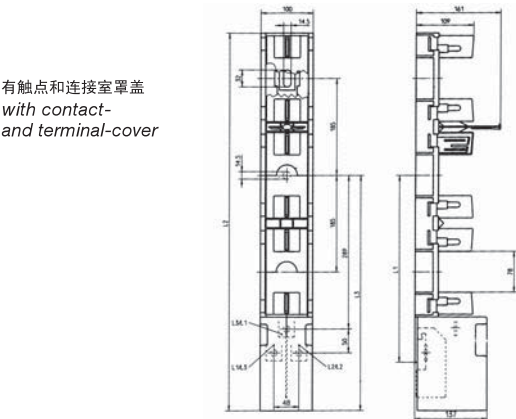
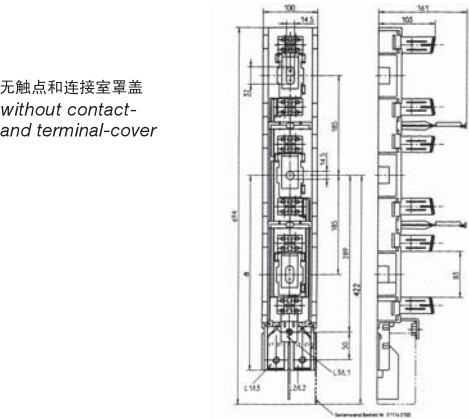
acc. to IEC/EN 60 269 – 2 – 1 design B are fully protected against direct contact with live parts acc. to BGV A3 by covers on feeder contacts. This protection against direct contact with live parts can be optimized by using additional fuse covers. Due to the tightly packed design it is not possible to touch the busbars between the unit. The feeder contact of the fully insulated version is always covered. NH fuse-rails sizes 1/2 – 3 are identical in form and dimensions. An interchangeability of the units is guaranteed. With the fully insulated hook (see accessories) the simple fixation onto the busbar is possible even under load.

条形熔断器配电排 尺码1/2 – 3: 250/400A – 630 A
NH fuse-rails, size 1/2 – 3: 250/400 A – 630 A

结构形式 Type	接线形式 Terminal	尺码 Size	电流 A	订货号 Order-no.	品名 Description
无触点和连接室罩盖 without contact- and terminal-cover	 M 12	1/2	250/400	38854.0000	NH-Lei 1–2NS6
	 V 型 V-shaped	1/2	250/400	38855.0000	NH-Lei 1–2N V2N
	 M 12	3	630	38954.0000	NH-Lei 3NS6
有触点和连接室罩盖 with contact- and terminal-cover	 M 12	1/2	250/400	38854.0020	NH-Lei 1–2N ShS6
	 V 型 V-shaped	1/2	250/400	38855.0020	NH-Lei 1–2N ShV2N
	 M 12	3	630	38954.0020	NH-Lei 3N ShS6
	 V 型 V-shaped	3	630	39955.0020	NH-Lei 3N ShV2N
有触点和连接室罩盖带插拔手柄 with contact- and terminal-cover, with safety switching contacts	 M 12	1/2	250/400	38854.0140	NH-Lei 1–2N ShKhS6
	 V 型 V-shaped	1/2	250/400	38855.0050	NH-Lei 1–2N ShKhV2N
	 M 12	3	630	38954.0140	NH-Lei 3N ShKhS6

- 1) 其它结构形式可根据需要提供 / Other types on demand
2) 如订购连接端子，请详见附件 / For connecting terminals see accessories

低压条形熔断器配电排 尺码1/2 – 3: 250/400A – 630 A
LV fuse-rails, size 1/2 – 3: 250/400 A – 630 A

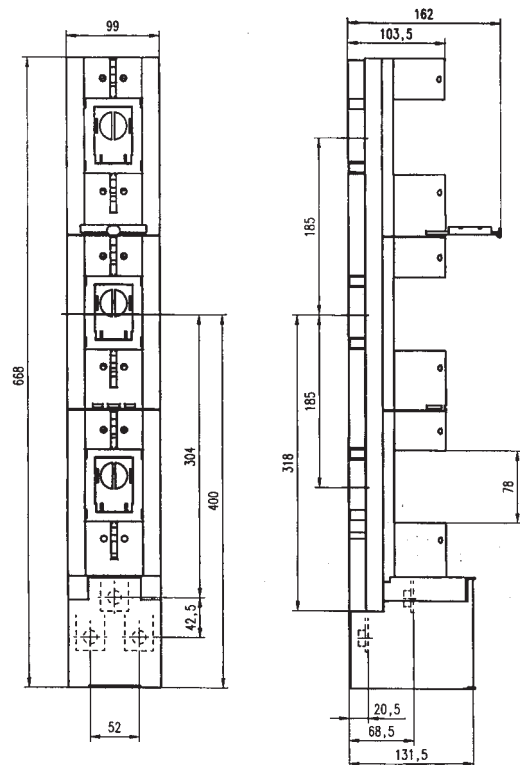


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符合IEC/EN 60 269-2-1

NH低压熔断器配电排 尺码 1/2:250/400 A

LV fuse-rails, size 1/2: 250/400 A



- 超前设计
Future-orientated design
- 符合BGV A3 触电保护
Protection against life parts acc. to BGV A3
- 绝缘的安装钩，可带电安装
Insulaed mounting hooks for mounting under load
- 可安装骑背式熔断器开关
The use of pick-a-back NH fuse-switches is possible
- 可增加临时配电的熔断器保护线路
Temporary fuse protected bypass

电流 A	订货号 Order-no.	型号 Description	接线形式 Terminal
250/400	38864.0020	NH-Lei 1-2 Sh S6	固定螺母 Inserted screw nut M12
250/400	38865.0020	NH-Lei 1-2 Sh V2N	V- 压紧件 V-stamped

附件 Accessories

	订货号 Order-no.	型号 Size	品名 Description	图号 Picture
	36148.0010	1/2	V2N接线端子 35-240 sm/35-300 se V2N-Clamb 35-240 sm/35-300 se	①
	36298.0010	1/2	V2 MD接线端子 35-240 sm/35-300 se V2 MD-Clamb 35-240 sm/35-300 se	②
	36048.0010	1/2-3	安装钩 (1套=2件) Mounting hooks (1 set = 2 pcs.)	③
	36301.0010	1/2	标志牌插座 Carrier for identification label Lei 1-2	④
	31605.0100	1/2	接线端盖板 Terminal-cover	⑤
	36322.0010	1/2	用于NH-Lei 1-2 盖板 Cover for NH-Lei 1-2	⑥

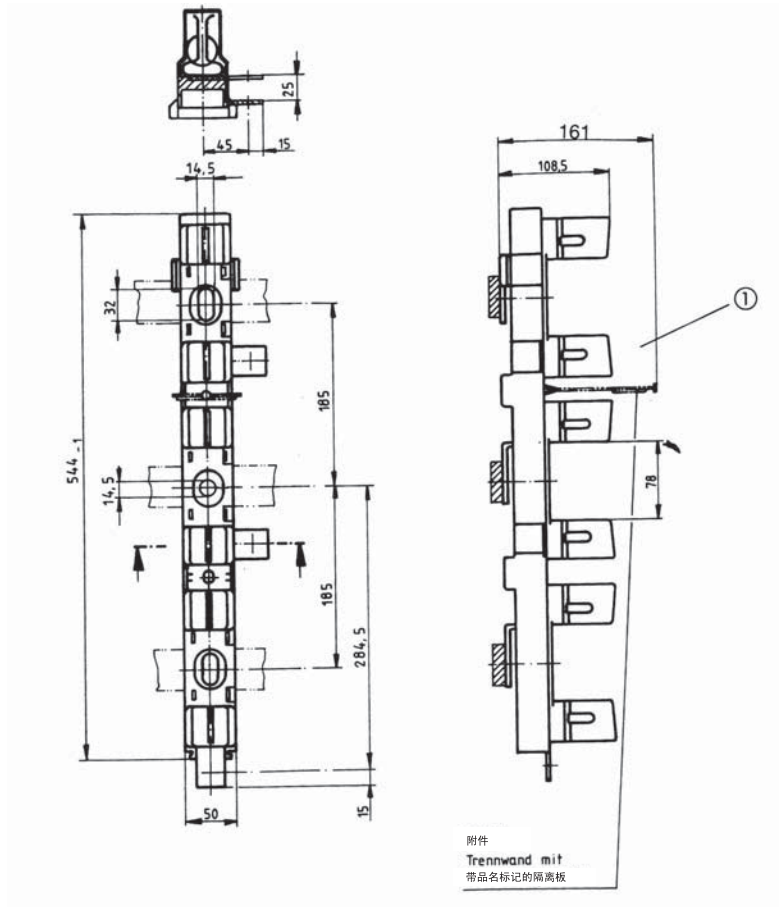
符合IEC/EN 60 269-2-1
设计 A/design A

NH条形熔断器配电排 尺码1/2-3

符合IEC/EN 60 269-2-1 设计A标准，通过对触点和连接室的罩盖封闭，防止对带电部分的偶然接触，符合德国安全标准 BGV A3。通过对熔断器采用罩盖封闭从而实现触点保护。封闭罩盖在安装时无需移除。所有绝缘部分均由无卤素、阻燃聚合物制成，具有极佳的耐热性能。

接线形式 Terminal	尺码 Size	电流 A	订货号 Order-no.	品名 Description
 固定螺母M12 Inserted screw nut	1/2 3	250/400 630	38884.0020 38984.0020	NH-Lei 1/2N Form A SH S6 NH-Lei 3N Form A SH S6
 直立螺栓 Threaded bolt	1/2 3	250/400 630	38882.0020 38982.0020	NH-Lei 1/2N Form A SH B6 NH-Lei 3N Form A SH B6
附件 Accessories	1/2 + 3		36087.0010	隔离板 Phase barrier

NH条形熔断器配电排 尺码1/2-3 符合IEC 60269-2-1标准
NH fuse-rails, sizes 1/2 – 3 acc. to IEC 60269 – 2 – 1



备忘录:

Notes :

[illegible]

- N** 低压熔断器
NH Fuse-Links
- NU** 低压熔断器底座
NH Fuse-Bases
- LT** 负荷熔断器开关
Load Break Switches/Switch-Fuses
- LU** 转换开关
Changeover Switches
- NT** 水平式低压熔断器开关
NH Fuse-Switches-horizontal design
- NSL** 条形低压熔断器开关
NH Fuse-Switches-vertical design
- NL** 条形低压熔断器排
NH Fuse-Rails-vertical design
- NZ** 附件
Accessories
- NW** 低压电流互感器
Low Voltage Current Transformers
- NA** 低压避雷器
Low Voltage Surge-Arresters
- HH** 高压熔断器及底座
HV Fuse-Links and-Bases
- T** 通信电源用产品
Telecom Power Supply Products
- S/D** 特种/D系列熔断器及底座
Special Systems/D-System Fuse-Links and-Bases



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