

ZÜGIG SCHALTEN
OPERATE QUICKLY



低压熔断器式隔离开关

Starke
NH Sicherungs-
Lasttrenner
für mehr **Sicherheit**

*Outstanding NH Fuse-Switches
supply more safety*

优质的熔断器开关、更多的安全保障

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母线间距 Centre distance	宽度 Width		
40	12	00 + 1	10/11
60	12	00–3	12–15
60	20	00–3	12–15
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设计与技术

埃芬新型的IN系列熔断器开关毋庸置疑的证明了先进技术和现代造型的完美结合，滑动的视窗可以方便测量熔断器刀柄两端的电压。

开关通用的端子可以为用户提供更多的选择，根据不同开关尺寸提供的附件螺栓可以固定带线耳的电缆，选配不同的附件还可以直接连接扁平或不同截面的电缆。

紧凑的外形尺寸和全系列的固定安装孔确保了在不同柜型中的快速、方便安装（尺码000,00,1型可以提供快速导轨安装的附件）。适配的母线系统可以从40mm间距到100mm间距。

Design and technology

without controversy. Proved by the new construction of EFEN NH Fuse-Switches series IN. Perfected technology and an appealing model show the best combination of these units. Adjustable windows facilitate voltage testing on the back knife of NH Fuse-Links.

Universal terminals provide more options to the end user. Enclosed connecting screws which are in accordance to size of unit enable the fastening of the cable with cable lugs. Direct connection is possible with flat cable connection or cable with differential cross sections by using the appropriate accessories.

Compact overall dimensions and a full range of different mounting holes for the use of mounting plates as well as a possibility of fastening onto supporting rails in size 000, 00 and 1 (quick fixing device as accessory available) offer a fast and simple installation into several cabinet systems. Push-on busbar systems with 40 mm rail distance up to systems with 100 mm are part of a wide accessory range.

符合VDE0660 T107/EN 60947-3/IEC 60947-3/GB14048.3标准的技术参数

Technical Data acc. to VDE 0660 T107/EN 60947-3/IEC 60947-3/GB14048.3

适用于符合DIN 43620/1标准的低压高分断能力熔断器 For NH Fuse-Links acc. to DIN 43620/1	尺码 Size	000	000/00	1	2	3	4a
额定工作电流I _o Rated operational current I _o	A	100	160	250	400	630	1250 1600 ¹⁾
常规的温升电流I _{th} Conventional free air thermic current I _{th}	A	160	160	250	400	630	1250 1600
额定工作电压U _o Rated operational voltage U _o	V	690	690				
额定绝缘电压U _i Rated insulation voltage U _i	V	690	800				
额定脉冲电压U _{imp} Rated impuls withstand voltage U _{imp}	kV	6	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 NH Fuse-Links)	kA	80	50				
使用范围VDE 0660 T107/EN/IEC 60947-3/GB14048.3 Utilization category VDE 0660 T107/EN/IEC 60947-3/GB14048.3	U _o =400 V AC U _o =690 V AC U _o =440 V DC ²⁾	AC-22 B AC-21 B DC-21 B					
机械使用寿命 Mechanical durability	次数 cycles	2000	1600	1000	600		
环境温度 Permissible ambient temperature	°C	-25 到 +55/ -25 up to +55					
防护等级 Degree of protection DIN/EN 60529/VDE 0470 T1	IP	3X					
熔断器的最大功率损耗 Maximum power dissipation of the NH Fuse-Links	P _N max.	9	12	23	34	48	115 140
未装熔断器的重量 Weight without NH Fuse-Links	kg	0,425	0,5	2,0	3,25	5,3	14,0

¹⁾ 使用范围：可提供 / Utilization category: on demand.

²⁾ 适用于 L_1 和 L_2 两极；单极 $U_n=220\text{VDC}$ / Fitting of L_1 and L_2 2-pole; 1-pole $U_n=220\text{ V DC}$.



低压熔断器式隔离开关 690 V AC
3极-尺码 000

NH Fuse-Switches 690 V AC
3-pole switching – Size 000

- ☑ 滑动式熔断器检测窗
- ☑ 紧凑的视窗与面盖
- ☑ 三个熔断器的无触碰式松扣装置

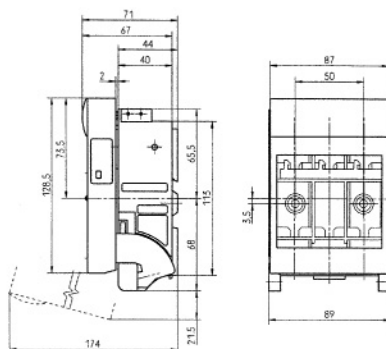
- ☑ Sliding fuse test window
- ☑ Compact sealing of window and lid
- ☑ Touch-free unlocking of all three fuse-links

低压熔断器式隔离开关
NH Fuse-Switches Size 000: 160 A

描述 Description		尺码 Size	电流 Amps I_{in}	订货号 Order no.	型号 Description	力矩/Torque		包装 Pack
						机械 mech.	电气 electr.	
固定式安装 For baseplate mounting: 平头螺栓 1,5–50 mm ² Box terminal 1,5–50 mm ²		000	160	34050.0000	NH-Latr 000 R4R4	5 Nm	3 Nm	10
轨架式安装 For mounting onto supporting rails: 平头螺栓 1,5–50 mm ² Box terminal 1,5–50 mm ²		000	160	34050.0070	NH-Latr 000 HB R4R4	–	3 Nm	10

附件 /Accessories

描述 Description	尺码 Size	订货号 Order no.	包装 Pack
框架 180 x 110 mm Frame 180 x 110 mm	000	40563.0100	1
双体框架 222 x 230 mm Twin frame 222 x 230 mm	000	40610.0100	1
用于两个开关的馈电条 Feeding device for two Fuse-Switches	000	85371.0100	1
用于三个开关的馈电条 Feeding device for three Fuse-Switches	000	85371.0200	1
用于四个开关的馈电条 Feeding device for four Fuse-Switches	000	85371.0300	1
连接排 Connecting device	000	85372.0100	1
空位盖板 Cover for blank space	000	85373.0100	1
用于25 mm ² –95 mm ² 电缆的馈电条 (1组=3件) Feeding clamp 25 mm ² –95 mm ² (1 set = 3 pcs.)	000	36163.0010	1
三出线端子 3 x 10 mm ² (1组=3件) Triple terminal 3 x 10 mm ² (1 set = 3 pcs.)	000	36162.0010	1
位置指示的微动开关 Micro switch for position indicating	000	36107.0010	1
用于单轨的快速安装件 Quick fixing set for one supporting rail	000	36145.0010	1
用于125mm间距双轨的快速安装件 Quick fixing set for two supporting rails distance 125 mm	000	36161.0010	1





低压熔断器式隔离开关 690 V AC
三极-尺码 00
NH Fuse-Switches 690 V AC
3-pole switching – Size 00

- ☒ 滑动式熔断器检测窗

☒ 紧凑的视窗与面盖

☒ 三个熔断器的无触碰式松扣装置
- ☒ Sliding fuse test window

☒ Compact sealing of window and lid

☒ Touch-free unlocking of all three fuse-links

尺码 00: 160 A
NH Fuse-Switches Size 00: 160 A

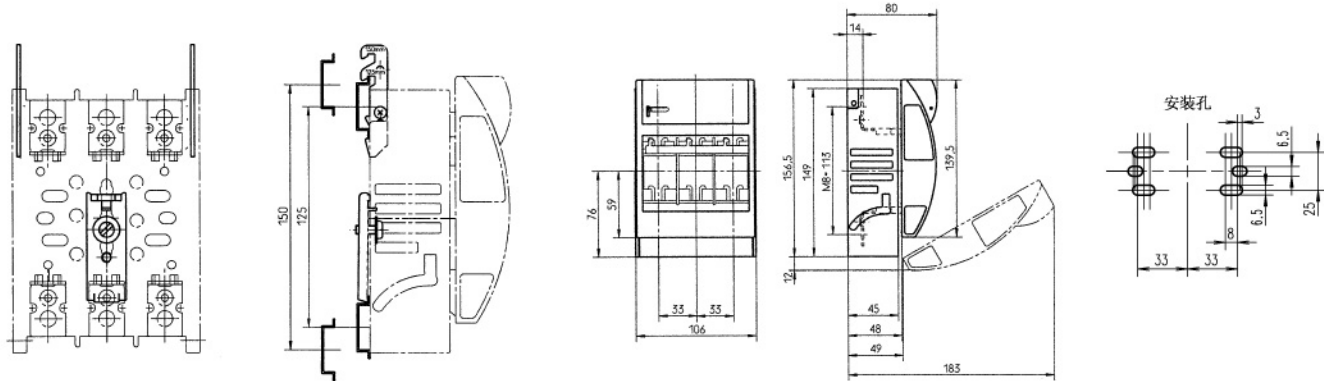
描述 Description		尺码 Size	电流 I_{th} Amps I_m	订货号 Order no.	型号 Description	力矩	torque	包装 Pack
						机械 mech.	电气 electr.	
固定式安装 For baseplate mounting: 通用连接(M8) Multiple use terminal (screw M8)		00	160	34060.0000	NH-Latr 00IN U5U5	5 Nm	14 Nm	10
平头螺栓连接 1,5–50 mm ² Box terminal 1,5–50 mm ²		00	125	34065.0000	NH-Latr 00IN R2R2	5 Nm	3 Nm	10
V型线夹开关连接 35–70 mm ² V-clamp 35–70 mm ²		00	160	34067.0000	NH-Latr 00IN V2V2 ¹⁾	5 Nm	12 Nm	7
轨架式安装 For mounting onto supporting rails: 通用连接(M8) Multiple use terminal (screw M8)		00	160	34060.0070	NH-Latr 00IN HB U5U5	–	14 Nm	10
平头螺丝连接 1,5–50 mm ² Box terminal 1,5–50 mm ²		00	125	34065.0070	NH-Latr 00IN HB R2R2	–	3 Nm	10

¹⁾ V2型可带附加的绝缘罩/ Version V2 with additional contact shroud

附件 /Accessories

更多附件请参看第22页 /More accessories see page 22

描述 Description	订货号 Order no.	包装 Pack
框架 205 x 120 mm Frame 205 x 120 mm	40573.0100	1
双体框架 220 x 230 mm Twin frame 220 x 230 mm	40611.0100	1
带螺栓的压块 1,5–50 mm ² (1组 = 6件) Pressure plate with screws 1,5–50 mm ² (1 set = 6 pcs.)	36169.0010	1
位置指示的微动开关 Micro switch for position indicating	36174.0010	1
绝缘罩 Contact shrouds to add	31401.0100	1





- ✓ 滑动式熔断器检测窗
- ✓ 紧凑封闭
- ✓ 可使用微动开关实现位置指示

- ✓ Sliding fuse test window
- ✓ Compact sealing
- ✓ Switch position indicator with micro switch possible

尺码 1-3: 250-630 A
 NH Fuse-Switches Size 1-3: 250-630 A

描述 Description		尺码 Size	电流 I_n Amps I_n	订货号 Order no.	型号 Description	力矩 机械 torque electr.	包装 Pack
固定式安装 For baseplate mounting:		1	250	34162.0000	NH-Latr 1IN U2U2	20 Nm	1
通用连接(M10) Multiple use terminal (screw M10)			400	34262.0000	NH-Latr 2IN U2U2		1
		3	630	34362.0000	NH-Latr 3IN U2U2		1
螺栓端子(M12) Screw terminal M12			910 A 630 kVA	34360.1000	NH-Latr 3IN 630kVA G6G6		1

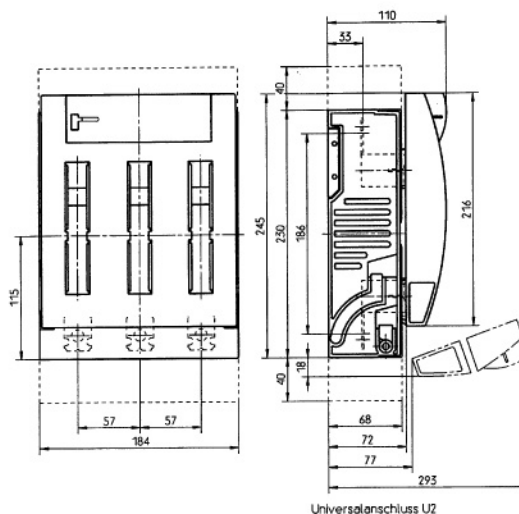
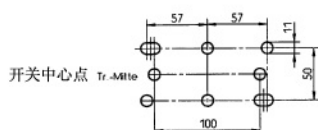
附件 /Accessories

更多附件请参看第22页 /More accessories see page 22

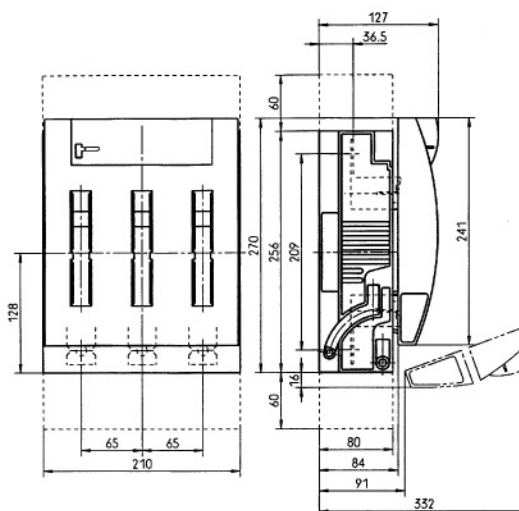
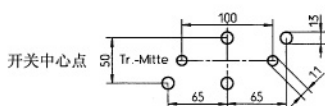
描述 Description	尺码 Size	订货号 Order no.	包装 Pack
框架 312,5 x 236 mm Frame 312,5 x 236 mm	1	40586.0100	1
带螺栓的压块 1,5-50 mm ² (1组=6件) Pressure plate with screws 1,5-50 mm ² (1 set = 6 pcs.)		36197.0010	1
位置指示的微动开关 Micro switch for position indicating		85138.0100	1
快速安装件(1组) Quick fixing device (1 set)		36196.0010	1
绝缘罩 Contact shrouds to add		31438.0100	1
框架 312,5 x 236 mm Frame 312,5 x 236 mm	2	40587.0100	1
带螺栓的压块 1,5-70 mm ² (1组= 6件) Pressure plate with screws 1,5-70 mm ² (1 set = 6 pcs.)		36199.0010	1
位置指示的微动开关 Micro switch for position indicating		85138.0100	1
绝缘罩 Contact shrouds to add		31428.0100	1
框架 312,5 x 276 mm Frame 312,5 x 276 mm	3	40588.0100	1
带螺栓的压块 1,5-70 mm ² (1组 = 6件) Pressure plate with screws 1,5-70 mm ² (1 set = 6 pcs.)		36199.0010	1
位置指示的微动开关 Micro switch for position indicating		85138.0100	1
绝缘罩 Contact shrouds to add		31429.0100	1

低压熔断器式隔离开关 690 V AC
三极-尺码 1-3
NH Fuse-Switches 690 V AC
3-pole switching – Size 1-3

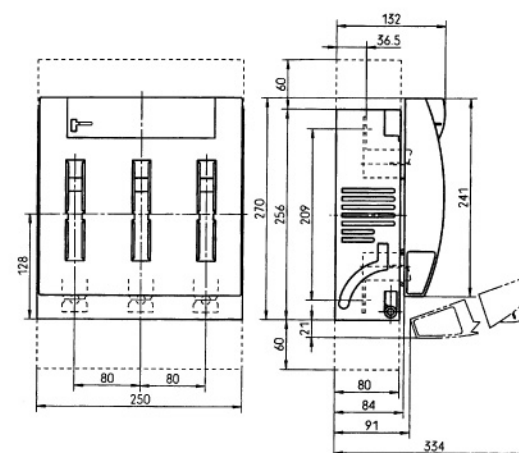
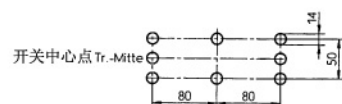
尺码 1: 250 A
NH Fuse-Switches Size 1: 250 A



尺码 2: 400 A
NH Fuse-Switches Size 2: 400 A



尺码 3: 630 A
NH Fuse-Switches Size 3: 630 A





低压熔断器式隔离开关 690 V AC
 三极-尺码 4a
 NH Fuse-Switches 690 V AC
 3-pole switching – Size 4a

- ☒

带锁扣的前盖

☒

可选位置指示开关

☒

可选熔断器监控
- ☒

Lid locked

☒

Switch position indicator optional (on demand)

☒

Fuse monitoring optional (on demand)

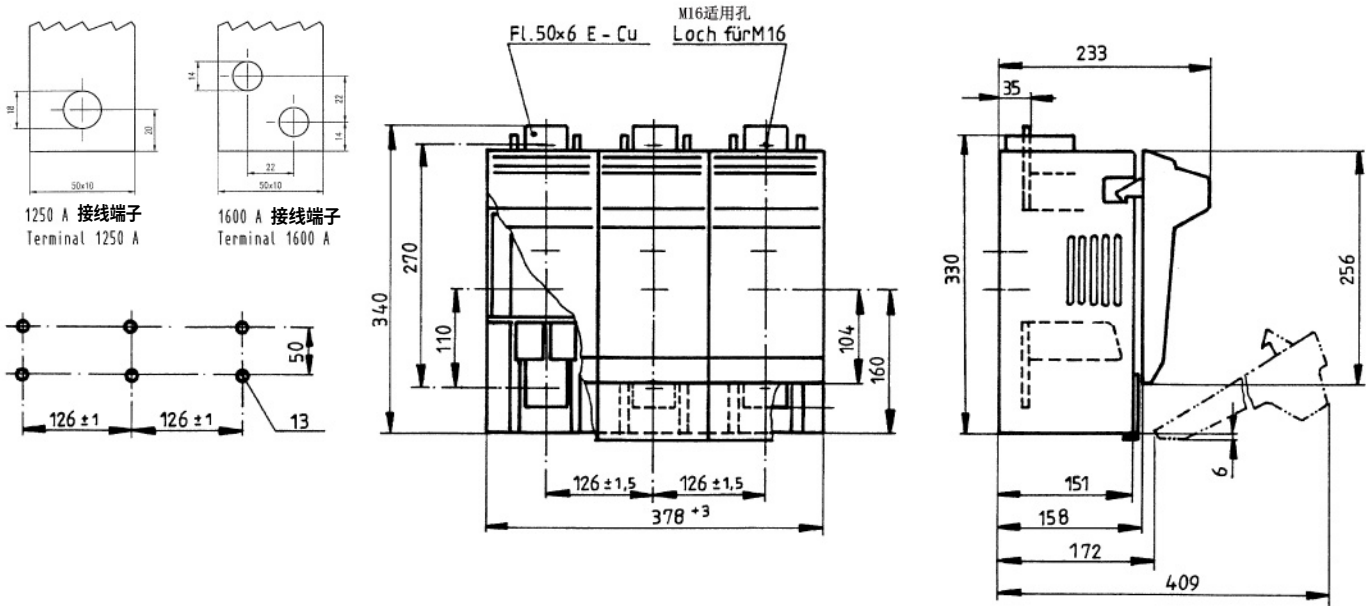
尺码 4a: 1250/1600 A
 NH Fuse-Switches Size 4a: 1250/1600 A

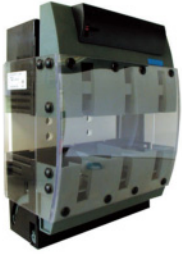
描述 Description	电流I _{th} Amps I _{th}	订货号 Order no.	型号 Description	力矩torque		包装 Pack
				机械 mech.	电气 electr.	
固定式安装 For baseplate mounting:				40 Nm	56 Nm	
螺栓端子M16两端进出线 Screw terminal M16 top and bottom						
三极单断 1-pole switching	1250	34400.0000	NH-Latr 4A EP L8L8			
三极共断 3-pole switching	1250	34400.1010	NH-Latr 4A 3P L8L8			1
螺栓端子双M12两端进出线 Screw terminal 2 x M12 top and bottom				40 Nm	40 Nm	1
三极单断 1-pole switching	1600 ¹⁾	34400.1040	NH-Latr 4A EP 1600A L6L6			
三极共断 3-pole switching	1600 ¹⁾	34400.1050	NH-Latr 4A 3P 1600A L6L6			

1) 使用1600A熔断器时功率损耗最大到 140 W.
 1600 A possible with NH Fuse-Links up to a rated power dissipation of 140 W.

附件备选 /Accessories on demand

尺码 4a: 1250/1600 A
 NH Fuse-Switches Size 4a: 1250/1600 A





低压熔断器式隔离开关 1000 V/1500 V AC
三极-尺码 3/3L
NH Fuse-Switches 1000 V/1500 V AC
3-pole switching – Size 3/3L

- ☑ 最高可用于 1500 V
- ☑ 紧凑封闭
- ☑ 可使用微动开关实现位置指示

- ☑ Usable upto 1500 V
- ☑ Compact sealing
- ☑ Switch position indicator with micro switch possible

尺码 3: 500 A/1000 V
NH Fuse-Switches Size 3: 500 A/1000 V

描述 Description		尺码 Size	电流 I_{th} Amps	订货号 Order no.	型号 Description	力矩 机械 torque mech.	电气 torque electr.	包装 Pack
通用连接 M10 Multiple use terminal (screw M10)		3	500	34762.1020	NH-Latr 3 IN 1000V 500A U2U2	14 Nm	32 Nm	1

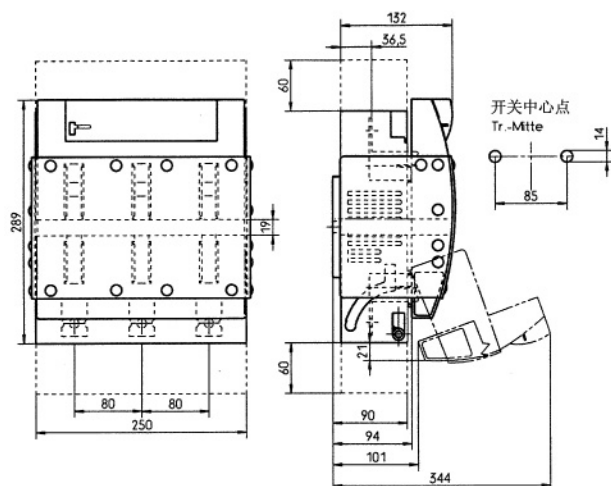
尺码 3L: 500 A/1500 V
NH Fuse-Switches Size 3L: 500 A/1500 V

描述 Description		尺码 Size	电流 I_{th} Amps	订货号 Order no.	型号 Description	力矩 机械 torque mech.	电气 torque electr.	包装 Pack
通用连接 M10 Multiple use terminal (screw M10)		3L	500	34762.1010	NH-Latr 3L IN 1500V 500A U2U2	14 Nm	32 Nm	1

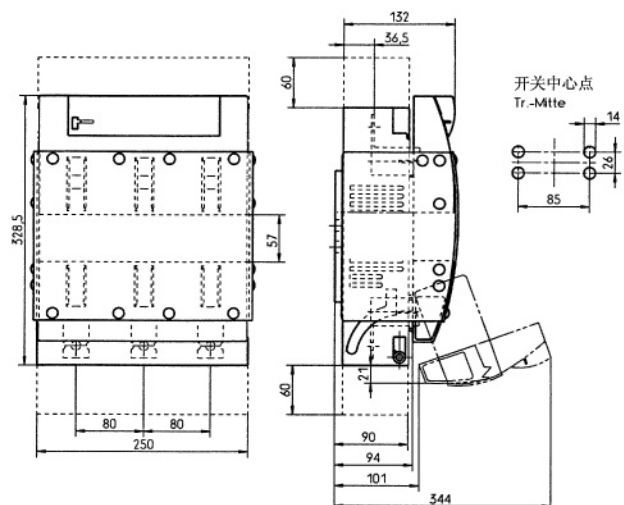
附件 /Accessories

描述 Description	尺码 Size	订货号 Order no.	包装 Pack
带螺栓的压块 1,5–70 mm ² (1组=6件) Pressure plate with screws 1,5–70 mm ² (1 set = 6 pcs.)	3/3L	36199.0010	1
带螺栓和棱形压紧块的线夹, 最大到 240 mm ² (1组=6件) Pressure plate with screws and contact prism to 240 mm ² sm (1 set = 6 pcs.)		36200.0010	1
位置指示的微动开关 Micro switch for position indicating		85138.0100	1
绝缘罩 Contact shrouds to add		31429.0100	1

尺码 3: 500 A/1000 V
NH Fuse-Switches Size 3: 500 A/1000 V



尺码 3L: 500 A/1500 V
NH Fuse-Switches Size 3L: 500 A/1500 V





低压熔断器式隔离开关 690 V AC
40/12mm母线卡扣式安装-尺码00-1
NH Fuse-Switches 690 V AC
for busbar systems 40/12 mm – Size 00-1

- ☑ 滑动式熔断器检测窗
- ☑ 顶部、底部出线可选
- ☑ 便捷安装

- ☑ Sliding fuse test window
- ☑ Variable selection of cable terminal on either top or bottom
- ☑ Easy and quick mounting

符合 DIN 43870标准的 40/12mm 母线卡扣式开关
NH Fuse-Switches for busbar systems 40/12 mm acc. to DIN 43870

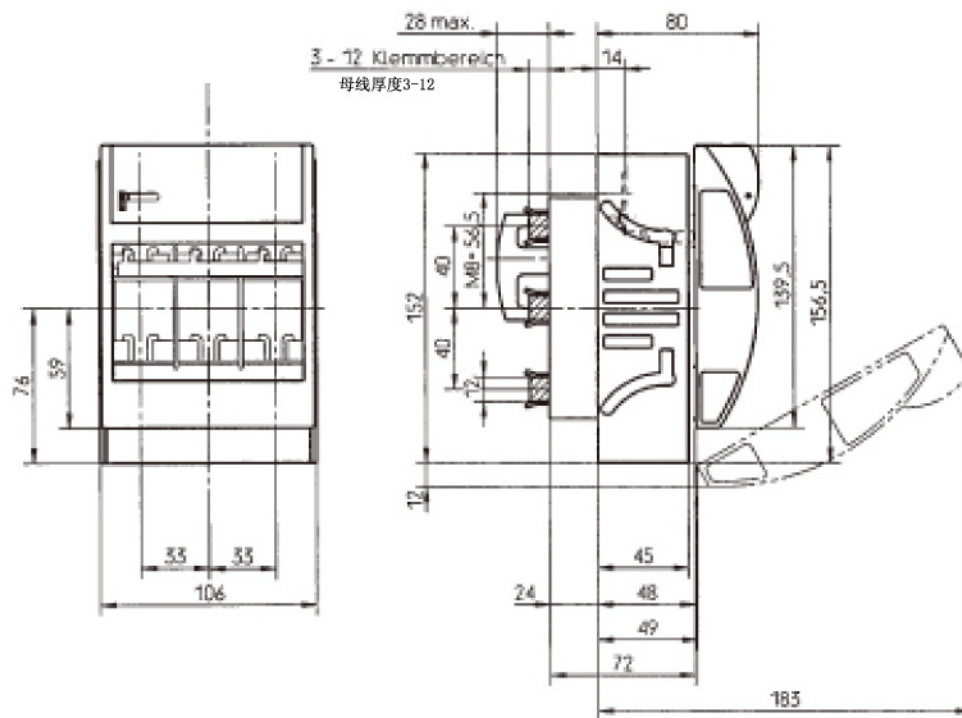
描述 Description		尺码 Size	电流 I_{th} Amps	订货号 Order no.	型号 Description	力矩	Torque	包装 Pack
						母线 Crossbar	端子 Terminal	
螺栓连接 M8 Screw terminal M8		00	160	39600.0000	NH-Latr S 00IN A U5K81	2 Nm	14 Nm	2
平头螺栓连接 1,5–50mm ² Boxterminal 1,5–50mm ²			125	39605.0000	NH-Latr S 00IN A R2K81	2 Nm	3 Nm	2
螺栓连接 M10 Screw terminal M10		1	250	39402.5000	NH-Latr S 1IN A K91U2	2 Nm	32 Nm	1
用于母线供电 For busbar supply								
螺栓连接 M10 Screw terminal M10		1	250	39430.5000	NH-Latr SE 1IN A K91U2	2 Nm	32 Nm	1

附件 Accessories

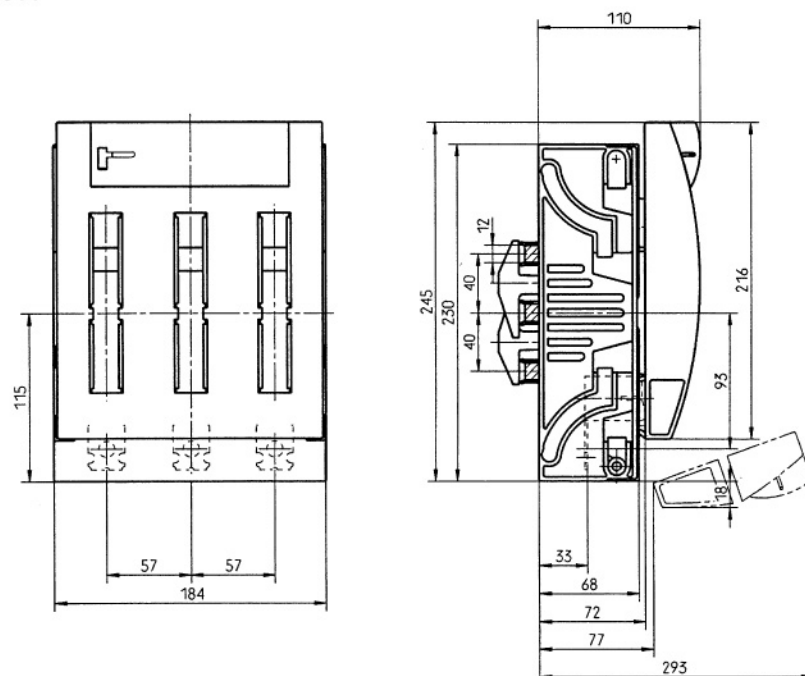
描述 Description	尺码 Size	订货号 Order no.	包装 Pack
框架 205 x 120 mm Frame 205 x 120 mm	00	40573.0100	1
带螺栓的压块 1,5–50 mm ² (1组=6件) Pressure plate with screws 1,5–50 mm ² (1 set = 6 pcs.)		36169.0010	1
带螺栓和棱形压紧块的线夹, 最大至95mm ² (1组=6件) Pressure plate with screws and contact prism to 95 mm ² sm (1 set = 6 pcs.)		36170.0010	1
位置指示的微动开关 Micro switch for position indicating		36174.0010	1
绝缘罩 Contact shrouds to add		31401.0100	1
绝缘罩 00IN K43/K41 Contact shrouds 00IN K43/K41		31627.0100	1
封闭式绝缘罩 00IN K43/K41 Contact shrouds 00IN K43/K41 closed		31628.0100	1
框架 312,5 x 236 mm Frame 312,5 x 236 mm	1	40586.0100	1
带螺栓的压块 1,5–50 mm ² (1组=6件) Pressure plate with screws 1,5–50 mm ² (1 set = 6 pcs.)		36197.0010	1
带螺栓和棱形压紧块的线夹, 最大至 95 mm ² (1组=6件) Pressure plate with screws and contact prism to 95 mm ² sm (1 set = 6 pcs.)		36198.0010	1
位置指示的微动开关 Micro switch for position indicating		85138.0100	1
绝缘罩 Contact shrouds to add		31438.0100	1

低压熔断器式隔离开关 690 V AC
40/12mm母线卡扣式安装 – 尺码00–1
NH Fuse-Switches 690 V AC
for busbar systems 40/12 mm – Size 00–1

尺码 00: 125/160 A
NH Fuse-Switches Size 00: 125/160 A



尺码 1: 250 A
NH Fuse-Switches Size 1: 250 A





NH Fuse-Switches 690 V AC
for busbar systems 60 mm centre distance – Size 00–1
Plug on contacting

- ☑ 滑动式熔断器检测窗
- ☑ 顶部、底部出线可选
- ☑ 便捷安装

- ☒ Sliding fuse test window
- ☒ Variable selection of cable terminal on either top or bottom
- ☒ Easy and quick mounting

NH Fuse-Switches for busbar systems 60 mm centre distance

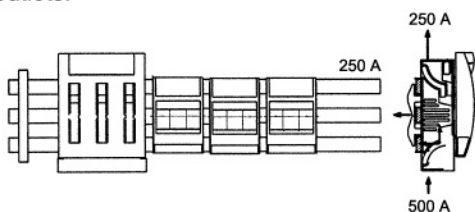
描述 Description		母线系统 System	尺码 Size	电流 Amps I_{th}	订货号 Order no.	型号 Description	力矩	torque	包装 Pack
							母线 Crossbar	端子 Terminal	
螺栓连接 M8 Screw terminal M8		60/12	00	160	39610.2000	NH-Latr SD 00IN F K41U5	2 Nm	14 Nm	2
平头螺栓连接 1,5–50 mm ² Boxterminal 1,5–50 mm ²				125	39615.2000	NH-Latr SD 00IN F K41R2	2 Nm	3 Nm	2
螺栓连接 M10 Screw terminal M10			1	250	39417.5000	NH-Latr S 1IN F K91U2	2 Nm	32 Nm	1
螺栓连接 M8 Screw terminal M8		60/20	00	160	39620.2000	NH-Latr SD 00IN H K41U5	2 Nm	14 Nm	2
平头螺栓连接 1,5–50 mm ² Boxterminal 1,5–50 mm ²				125	39625.2000	NH-Latr SD 00IN H K41R2	2 Nm	3 Nm	2
螺栓连接 M10 Screw terminal M10			1	250	39420.5000	NH-Latr S 1IN H K91U2	2 Nm	32 Nm	1
螺栓连接 M8 Screw terminal M8		60/30	00	160	39630.2000	NH-Latr SD 00IN M K41U5	2 Nm	14 Nm	2
平头螺栓连接 1,5–50 mm ² Boxterminal 1,5–50 mm ²				125	39635.2000	NH-Latr SD 00IN M K41R2	2 Nm	3 Nm	2
螺栓连接 M10 Screw terminal M10			1	250	39424.5000	NH-Latr S 1IN M K91U2	2 Nm	32 Nm	1

NH Fuse-Switches for busbar supply 60 mm

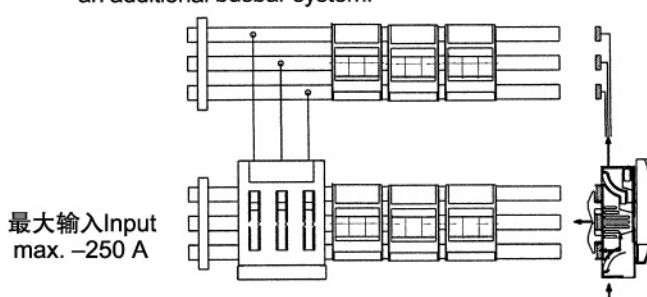
描述 Description		母线系统 System	尺码 Size	电流 Amps I_{th}	订货号 Order no.	型号 Description	力矩 torque		包装 Pack
							母线 Crossbar	端子 Terminal	
尺码00 K41型开关一起的用于母线的夹子 Clamps for busbar supply with NH Fuse-Switches size 00 K41			00		36069.0010				1
螺栓连接 M10 Screw terminal M10		60/12	1	250	39440.5000	NH-Latr SE U2 1IN F K91U2	2 Nm	32 Nm	1
螺栓连接 M10 Screw terminal M10		60/20	1	250	39450.5000	NH-Latr SE U2 1IN H K91U2	2 Nm	32 Nm	1
螺栓连接 M10 Screw terminal M10		60/30	1	250	39470.5000	NH-Latr SE U2 1IN M K91U2	2 Nm	32 Nm	1

NH-Fuse-Switches as feeder for following outlets and additional fuse outlets;

NH-Fuse-Switches as feeder for following outlets and an additional busbar system:



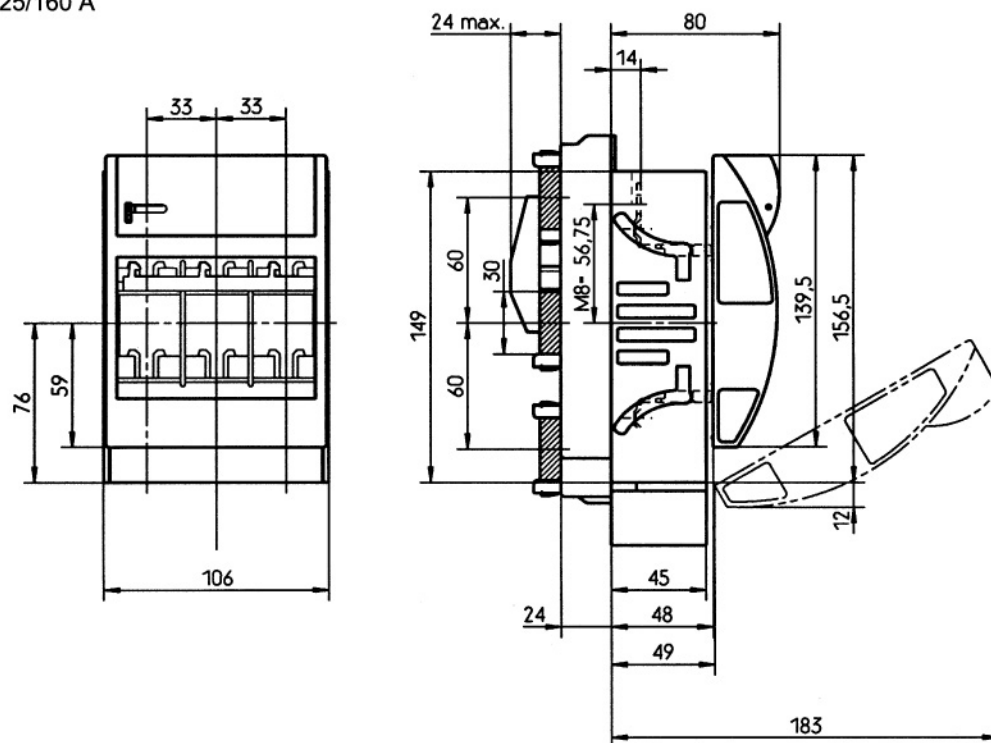
最大输入Input
max. 500 A



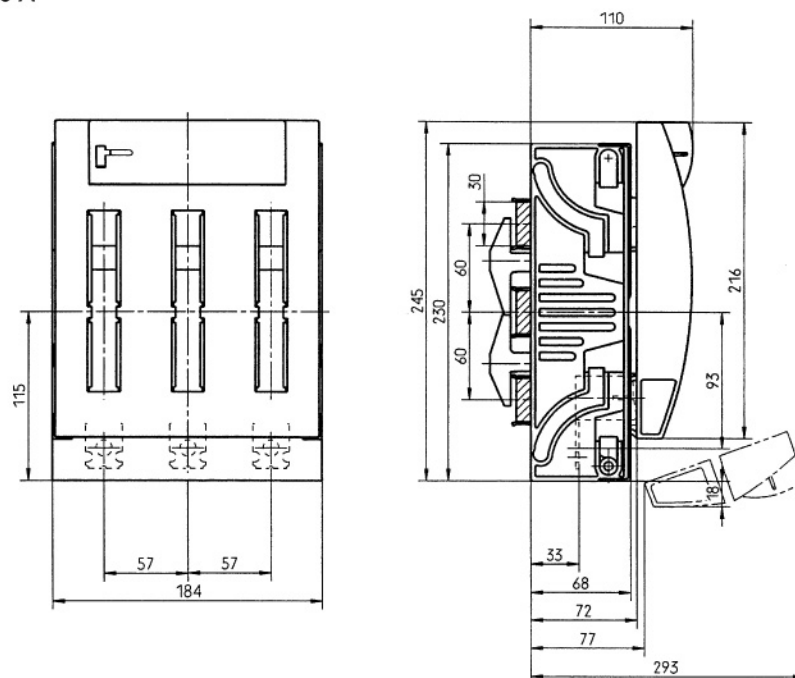
最大输入Input
max. -250 A

低压熔断器式隔离开关 690 V AC
60mm母线式安装-尺码00-1
锁扣式
NH Fuse-Switches 690 V AC
for busbar systems 60 mm centre distance – Size 00-1
Plug on contacting

尺码00: 125/160 A
NH Fuse-Switches Size 00: 125/160 A



尺码 1: 250 A
NH Fuse-Switches Size 1: 250 A





低压熔断器式隔离开关 690 V AC
60mm母线安装-尺码00-3

挂钩式

NH Fuse-Switches 690 V AC
for busbar systems 60 mm centre distance – Size 00–3
Hook contacting

- ✓ Sliding fuse test window
- ✓ Switch position indicator with micro switch possible
- ✓ Easy and quick mounting

60mm母线挂钩式开关

NH Fuse-Switches for busbar system 60 mm centre distance, hook contacting

描述 Description		母线系统 System	尺码 Size	电流I _{th} Amps I _{th}	订货号 Order no.	型号 Description	力矩 挂钩 Hook	torque 端子 Terminal	包装 Pack
螺栓连接 M8 Screw terminal M8	底部 出线  Terminal bottom	60	00	160	39660.2000	NH-Latr SB 00IN 60 K43U5	6 Nm	14 Nm	2
螺栓连接 M10 Screw terminal M10			1	250	39212.2000	NH-Latr SB 1IN 60 K92U2	14 Nm	32 Nm	1
螺栓连接 M10 Screw terminal M10			2	400	39222.2000	NH-Latr SB 2IN 60 K92U2	14 Nm	32 Nm	1
螺栓连接 M10 Screw terminal M10			3	630	39232.2000	NH-Latr SB 3IN 60 K92U2	14 Nm	32 Nm	1
平头螺栓连接 1,5–50 mm ² Box terminal 1,5–50 mm ²			00	125	39665.2000	NH-Latr SB 00IN 60 K43R2	6 Nm	3 Nm	2
螺栓连接 M8 Screw terminal M8	顶部 出线  Terminal top	60	00	160	39660.0000	NH-Latr SB 00IN 60 U5K43	6 Nm	14 Nm	2
螺栓连接 M10 Screw terminal M10			1	250	39212.0000	NH-Latr SB 1IN 60 U2K92	14 Nm	32 Nm	1
螺栓连接 M10 Screw terminal M10			2	400	39222.0000	NH-Latr SB 2IN 60 U2K92	14 Nm	32 Nm	1
螺栓连接 M10 Screw terminal M10			3	630	39232.0000	NH-Latr SB 3IN 60 U2K92	14 Nm	32 Nm	1

附件见第22页 / Accessories see page 22

即使把001N的埃芬开关与K43适配器组装在一起也可以很容易地改变出线方向。

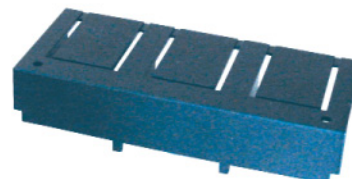
另外，我们还有两种特殊的绝缘罩。
31628.0100完全封闭；31627.0100用于固定安
装的开关和母线系统上的D0部件配合（参见第10页）

Even during assembling of the EFEN NH Fuse-Switches size 00IN with the K43-adapter, you have the possibility to change the outgoing cable easily by the mounting.

Further we have two special contact shrouds.
31628.0100 completely closed,
31627.0100 for the combination of the flat switches with
D0-elements for busbar systems.
(see Product information NT IN 10)



39670.2050



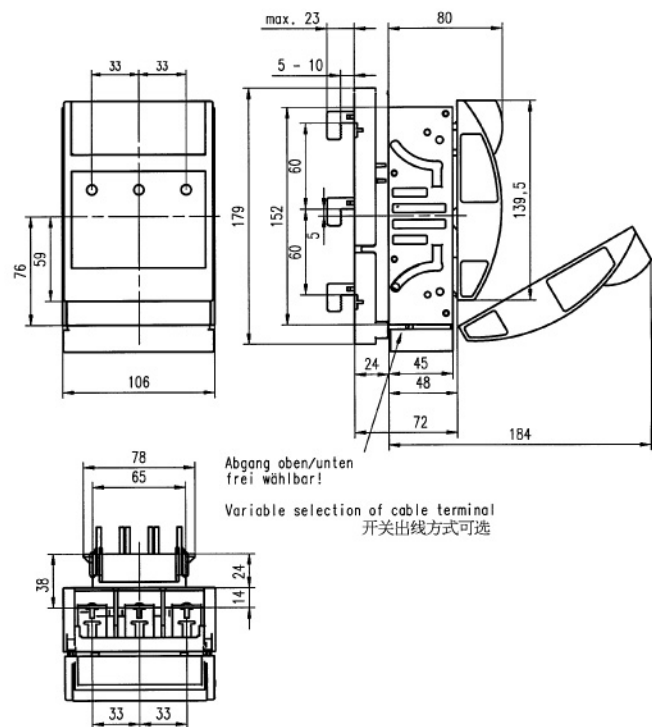
31628.0100



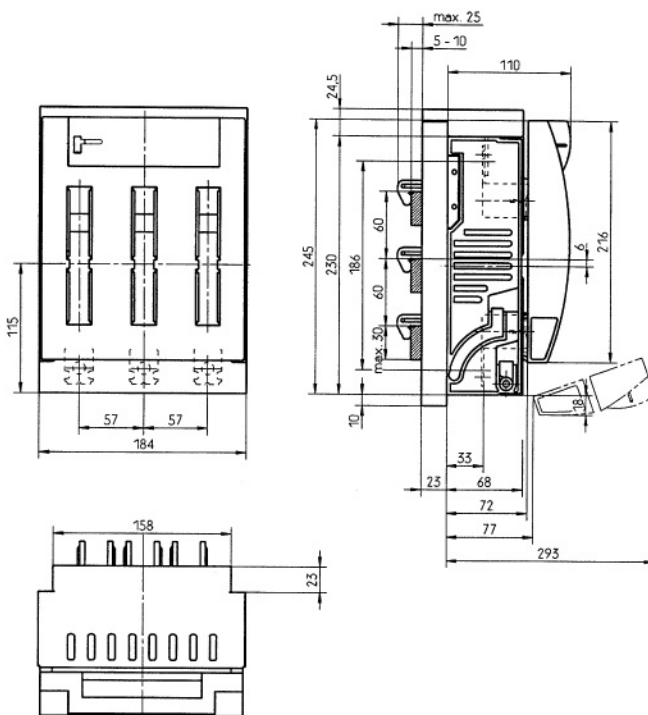
31627.0100

低压熔断器式隔离开关 690 V AC
60mm母线式安装-尺码00-3
挂钩式
NH Fuse-Switches 690 V AC
for busbar systems 60 mm centre distance – Size 00-3
Hook contacting

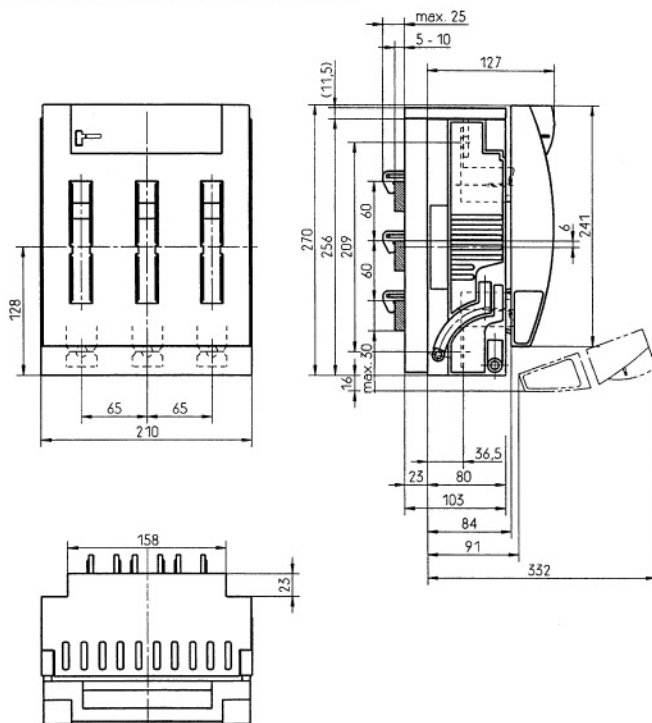
尺码 00: 160 A
NH Fuse-Switches Size 00: 160 A



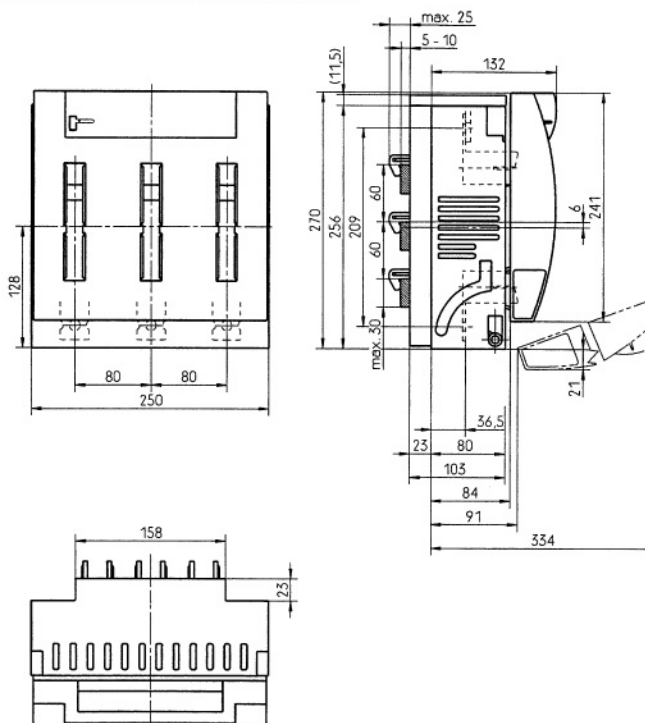
尺码 1: 250 A
NH Fuse-Switches Size 1: 250 A



尺码 2: 400 A
NH Fuse-Switches Size 2: 400 A



尺码 3: 630 A
NH Fuse-Switches Size 3: 630 A





低压熔断器式隔离开关 690 V AC
 100mm母线式安装 – 尺码1–3
 挂钩式
 NH Fuse-Switches 690 V AC
 for busbar systems 100 mm centre distance – Size 1–3
 Hook contacting

- ☒ 滑动式熔断器检测窗
☒ 可使用微动开关实现位置指示
☒ 便捷安装

☒ Sliding fuse test window
☒ Switch position indicator with micro switch possible
☒ Easy and quick mounting

100mm母线挂钩式开关
 NH Fuse-Switches for busbar system 100 mm centre distance, hook contacting

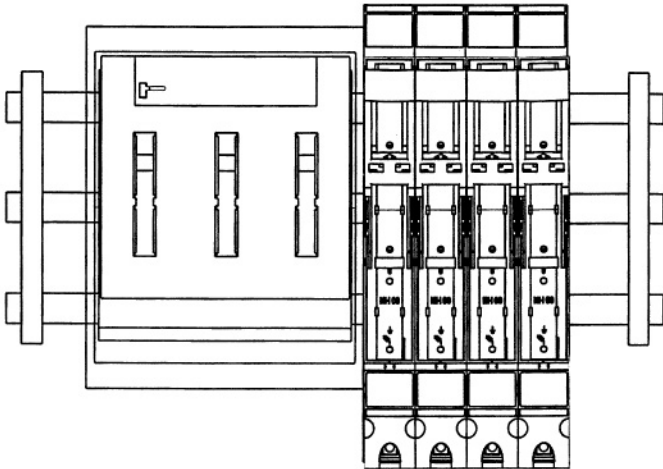
描述 Description	出线 Branch cable	尺码 Size	电流I _m Amps I _m	订货号 Order no.	型号 Description	力矩	torque	包装 Pack
						挂钩 Hook	端子 Terminal	
螺栓连接 M10 Screw terminal M10	顶部出线 Top 	1	250	39212.5000	NH-Latr SB 1IN 100 U2K93	14 Nm	32 Nm	1
		2	400	39222.5000	NH-Latr SB 2IN 100 U2K93			1
		3	630	39232.5000	NH-Latr SB 3IN 100 U2K93			1
	底部出线 Bottom 	1	250	39212.7000	NH-Latr SB 1IN 100 K93U2			1
		2	400	39222.7000	NH-Latr SB 2IN 100 K93U2			1
		3	630	39232.7000	NH-Latr SB 3IN 100 K93U2			1

附件见第22页 /Accessories see page 22

以下是水平型IN开关与条形IN开关（尺码00）在60mm与100mm母线间距中的应用。

The frames in the table are for use of NH fuse-switches horizontal design series IN next to NH fuse-switch vertical design size 00 series IN in busbar systems with 60 mm and 100 mm distance.

尺码 Size	订货号 Order no.	型号 Description	包装 Pack
1	40646.0100	Blendrahmen Gr. 1IN	1
2	31596.0100	Blendrahmen Gr. 2IN	1
3	31597.0100	Blendrahmen Gr. 3IN	1

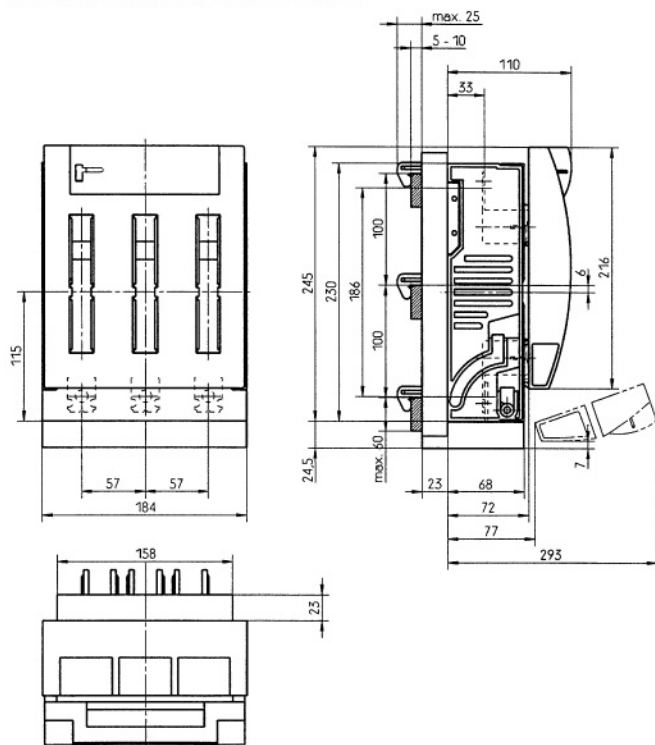


低压熔断器式隔离开关 690 V AC
100mm母线式安装-尺码 1-3

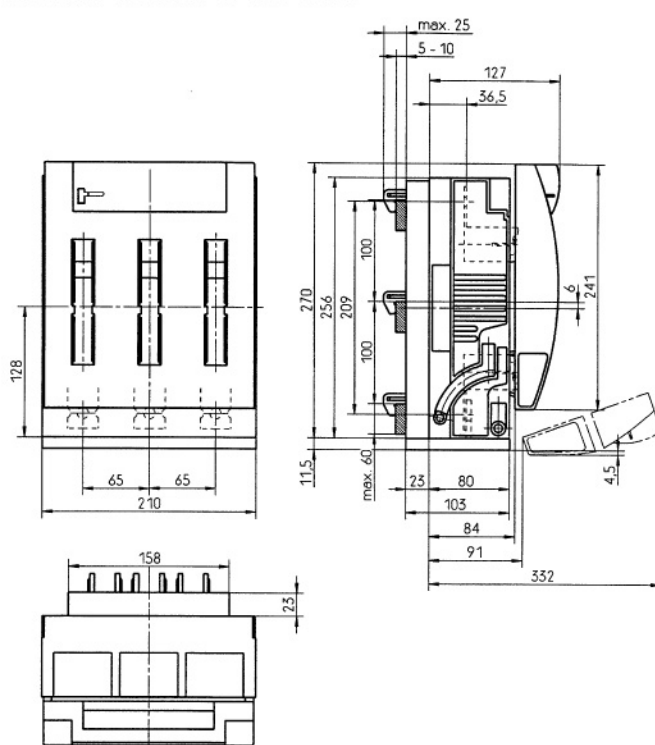
挂钩式

NH Fuse-Switches 690 V AC
for busbar systems 100 mm centre distance – Size 1-3
Hook contacting

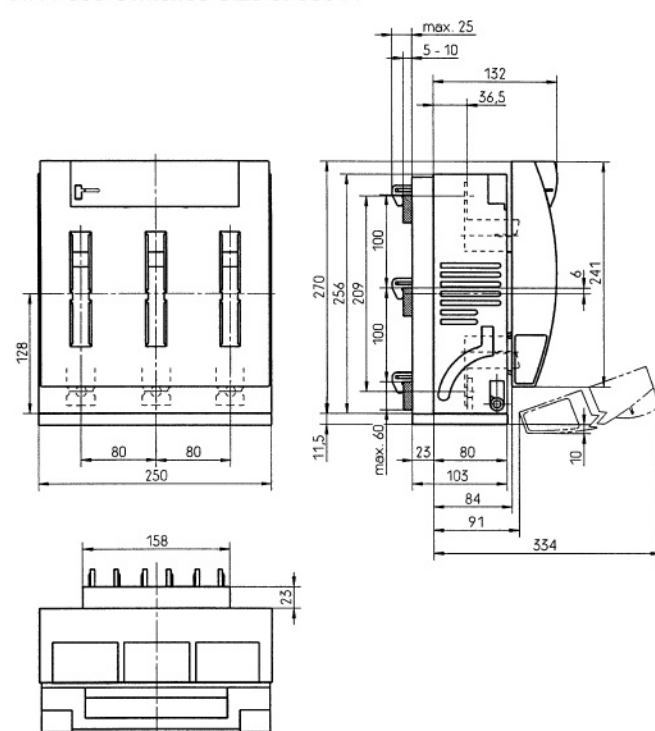
尺码 1: 250 A
NH Fuse-Switches Size 1: 250 A

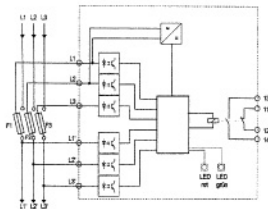


尺码 2: 400 A
NH Fuse-Switches Size 2: 400 A



尺码 3: 630 A
NH Fuse-Switches Size 3: 630 A





低压熔断器式隔离开关 690 V AC
 三极-尺码00-3
 带电子监控单元
 NH Fuse-Switches 690 V AC
 3-pole switching – Size 00-3
 with electronical fuse monitoring

- ✓

可使用微动开关实现位置指示

✓

LED指示“可以操作”

✓

远程监控熔丝断开

✓

无需单独的辅助电源
- ✓

Switch position indicator with micro switch possible

✓

LED-indicator to indicate “ready for operation”

✓

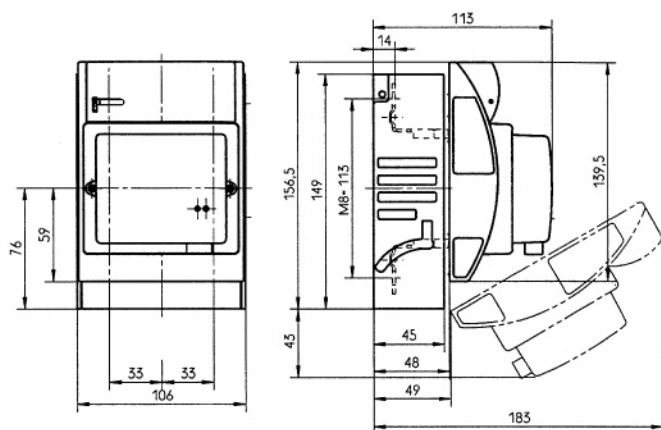
Possibility for remote indication of broken fuse-links

✓

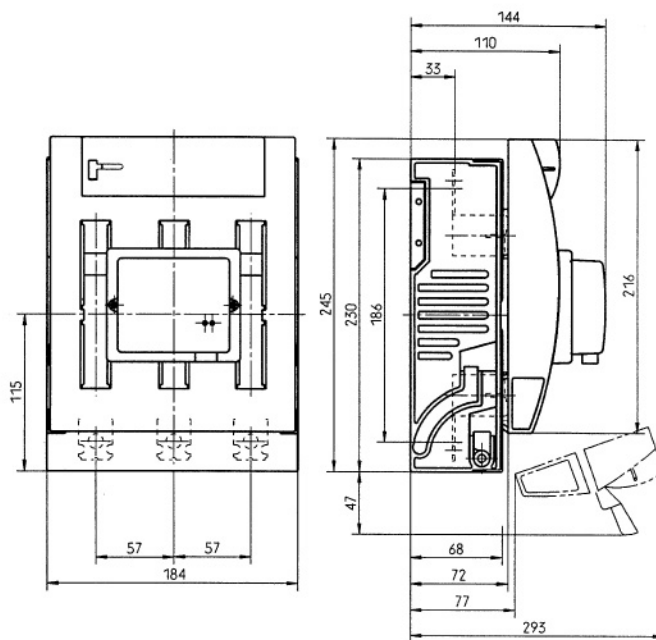
No separate auxiliary power supply required
- 固定安装 AC 690 V, 3极, 160–630 A
 NH Fuse-Switches series IN, for baseplate-mounting, AC 690 V, 3-pole switching, 160–630 A
- | 描述
Description | 尺码
Size | 电流
Amps I _{th} | 订货号
Order no. | 型号
Description | 进线
Feeding | 出线
Branch | 力矩
torque | | 包装
Pack |
|--------------------------------|------------|----------------------------|------------------|-----------------------------|---------------|--------------|--------------|---------------|------------|
| | | | | | | | 机械
mech. | 电气
electr. | |
| 螺栓连接 M8
Screw terminal M8 | 00 | 160 | 34060.0130 | NH-Latr 00IN ESF AU MA U5U5 | 顶部
Top | 底部
Bottom | 5 Nm | 14 Nm | 1 |
| | | | 34060.0131 | NH-Latr 00IN ESF AO MA U5U5 | 底部
Bottom | 顶部
Top | | | |
| 螺栓连接 M10
Screw terminal M10 | 1 | 250 | 34162.0130 | NH-Latr 1 IN ESF AU MA U2U2 | 顶部
Top | 底部
Bottom | 20 Nm | 32 Nm | 1 |
| | | | 34162.0131 | NH-Latr 1 IN ESF AO MA U2U2 | 底部
Bottom | 顶部
Top | | | |
| 螺栓连接 M10
Screw terminal M10 | 2 | 400 | 34262.0130 | NH-Latr 2IN ESF AU MA U2U2 | 顶部
Top | 底部
Bottom | 20 Nm | 32 Nm | 1 |
| | | | 34262.0131 | NH-Latr 2 IN ESF AO MA U2U2 | 底部
Bottom | 顶部
Top | | | |
| 螺栓连接 M10
Screw terminal M10 | 3 | 630 | 34362.0130 | NH-Latr 3IN ESF AU MA U2U2 | 顶部
Top | 底部
Bottom | 20 Nm | 32 Nm | 1 |
| | | | 34362.0131 | NH-Latr 3IN ESF AO MA U2U2 | 底部
Bottom | 顶部
Top | | | |
- 母线系统安装可根据客户要求提供 /Devices for busbar mounting on demand.
- 附件见第22页/Accessories see page 22
- 技术参数 /Technical Data
- | | |
|--|---|
| 额定工作电压 U _o
Rated operational voltage U _o | AC 400 V – AC 690 V |
| 额定绝缘电压 U _i
Rated insulation voltage U _i | 800 V |
| 额定耐脉冲电压 U _{imp}
Rated impuls withstand voltage U _{imp} | 6 kV |
| 额定条件下的短路电流（使用熔断器保护时）
Rated conditional short circuit current
(with protection by NH-fuses) | 50 kA |
| 环境温度
Permissible ambient temperatur | –20 到+55 ° C
–20 up to +55 °C |
| 频率
Rated frequency | 50/60 Hz |
| 延迟时间 Delay time | < 0,5 s |
| 功能
Function | 电压降75V到85%的反向电压
From 75 V voltage drop/up to 85 % reverse voltage |
| 显示部件
Display elements | 正常工作：绿色
Operation voltage indication: green LED
熔丝熔断：红色
Fuse-Link released: red LED |
| 报警输出
Alarm output | 与打开和接触相关，保护根据EN50178标准
Relais with opening and making contact. Secure isolation from supply
acc. EN 50178 |
| 额定电压
Rated voltage | AC 250 V/DC 24 V |
| 额定电流
Rated current | 3 mA 2 A |
- * 另有机械监控单元的开关备选/Mechanical fuse monitoring available upon request.

低压熔断器式隔离开关 690 V AC
三极-尺码00-3
带电子监控单元
NH Fuse-Switches 690 V AC
3-pole switching – Size 00-3
with electronical fuse monitoring

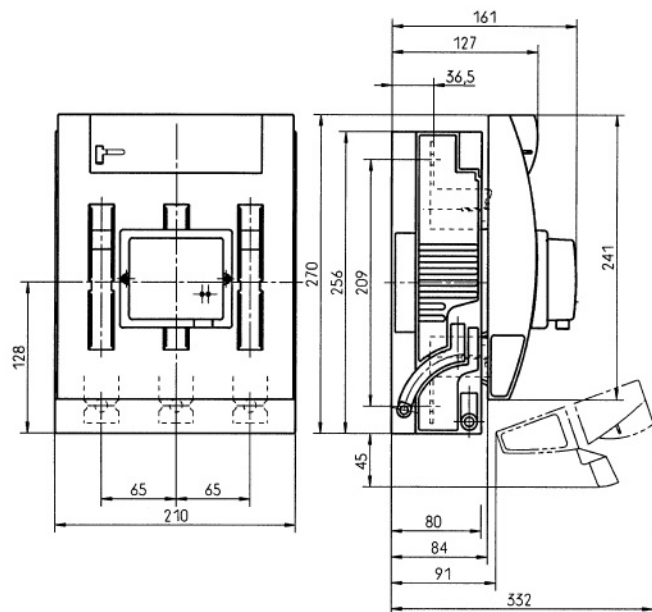
尺码 00: 160 A
NH Fuse-Switches Size 00: 160 A



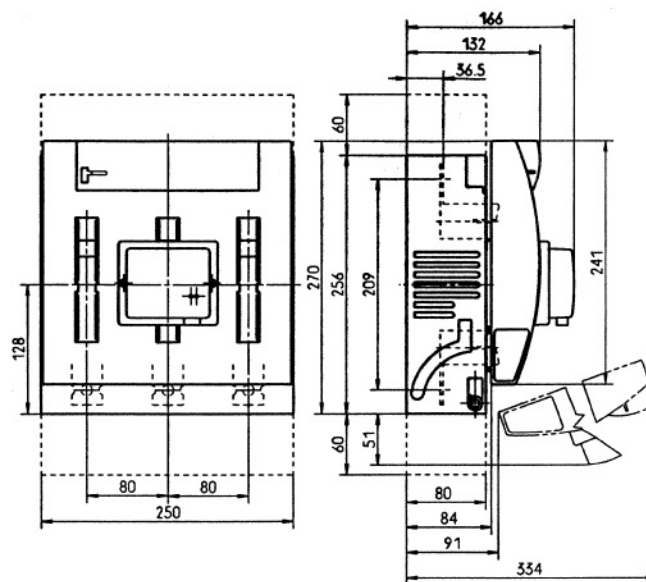
尺码 1: 250 A
NH Fuse-Switches Size 1: 250 A

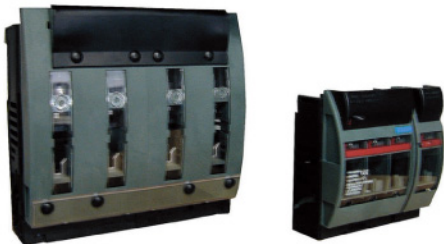


尺码 2: 400 A
NH Fuse-Switches Size 2: 400 A



尺码 3: 630 A
NH Fuse-Switches Size 3: 630 A





低压熔断器式隔离开关 690 V AC
 四极-尺码00-4a
 NH Fuse-Switches 690 V AC
 4-pole switching – Size 00-4a

- 滑动式熔断器检测窗
 可使用微动开关实现位置指示

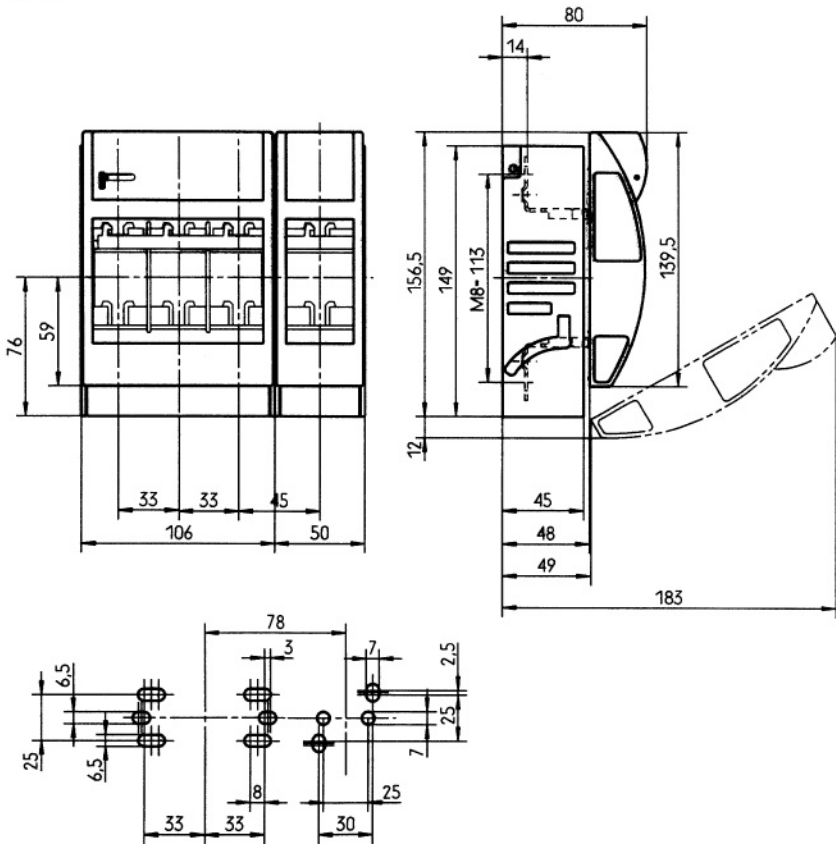
Sliding fuse test window
 Switch position indicator with micro switch possible

描述 Description		尺码 Size	电流I _m Amps I _m	订货号 Order no.	型号 Description	力矩 torque		包装 Pack
						机械 mech.	电气 electr.	
螺栓连接 M8 Screw terminal M8		00	160	34060.4000	NH-Latr 00IN 4P U5U5	5 Nm	14 Nm	1
螺栓连接 M10 Screw terminal M10		1	250	34162.4000	NH-Latr 1IN 4P U2U2	20 Nm	32 Nm	1
		2	400	34262.4000	NH-Latr 2IN 4P U2U2			
		3	630	34362.4000	NH-Latr 3IN 4P U2U2			
螺栓连接 2xM12 Screw terminal 2xM12		4a	1600 ¹⁾	34440.1090	NH-Latr 4A 4P AV L6L6	40 Nm	40 Nm	1
螺栓连接 M16 Screw terminal M16			1250	34440.0000	NH-Latr 4A 4P EP L8L8	40 Nm	56 Nm	

1) 使用1600A熔断器功率损耗 P_n 最大到 140 W.
 1600 A possible with NH Fuse-links up to a rated power dissipation of 140 W.

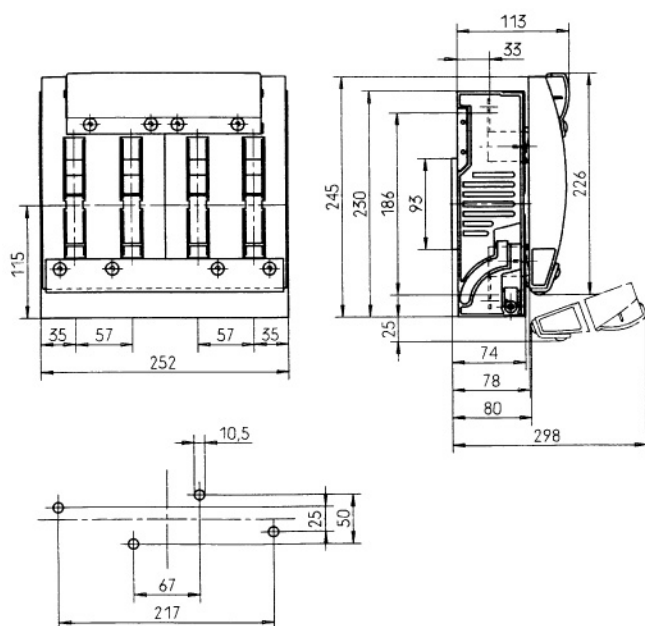
附件见24页 /Accessories see page 24

尺码 00: 160 A
 NH Fuse-Switches Size 00: 160 A

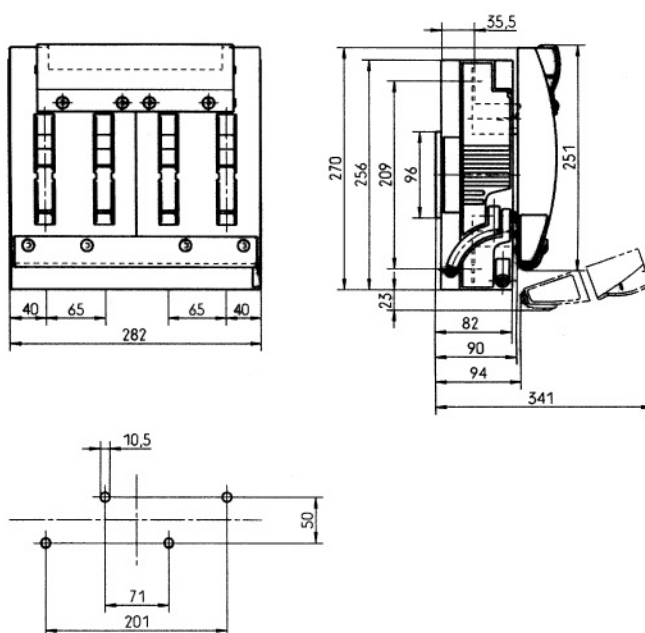


低压熔断器式隔离开关 690 V AC
四极-尺码00-4a
NH Fuse-Switches 690 V AC
4-pole switching - Size 00-4 a

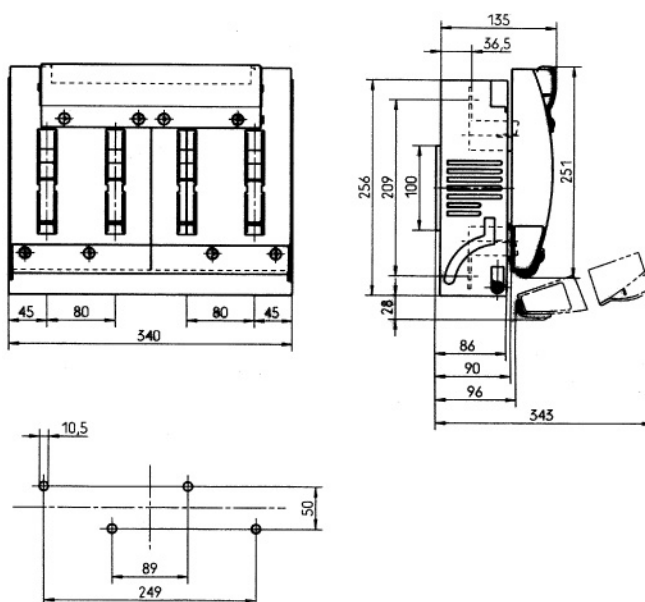
尺码 1: 250 A
NH Fuse-Switches Size 1: 250 A



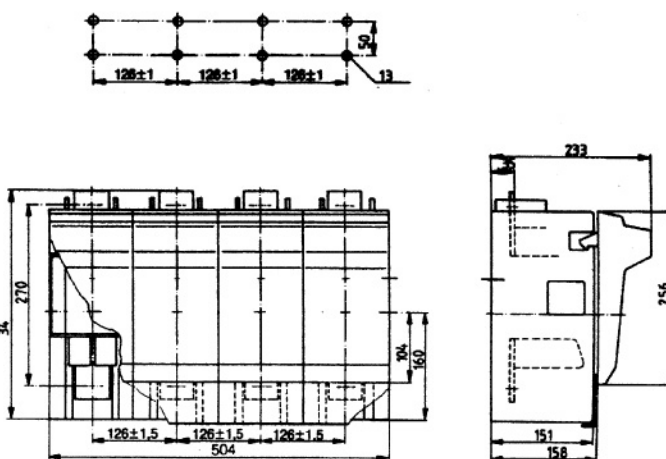
尺码 2: 400 A
NH Fuse-Switches Size 2: 400 A

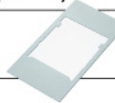


尺码 3: 630 A
NH Fuse-Switches Size 3: 630 A



尺码 4 a: 1250A
NH Fuse-Switches Size 4 a: 1250A



尺码 Size	订货号 Order-No.	描述 Description		包装 Pack
00	36169.0010	带螺栓的压块 1,5–50 mm ² (1组 = 6件) Pressure plate with screws 1,5–50 mm ² (1 set = 6 pieces)		1
00	36170.0010	带螺栓和棱形压紧块的线夹, 最大至95mm ² (1组 = 6件) Pressure plate with screws and contact prism 1–95 mm ² sm (1 set = 6 pieces)		1
00	36171.0010	三出线端子 3 x 10 mm ² (1组 = 3件) Triple terminal 3 x 10 mm ² (1 set = 3 pieces)		1
00	40573.0100	框架 Frame		1
00	31401.0100	绝缘罩 Contact shrouds to add		1
00	36172.0010	快速安装(1 组) Quick fixing device (1 set)		1
00	36174.0010	位置指示的微动开关 (1 组) Micro switch for position indicating (1 set)		1
1	36197.0010	带螺栓的压块 1,5–50 mm ² (1组 = 6件) Pressure plate with screws 1,5–50 mm ² (1 set = 6 pieces)		1
1	36198.0010	带螺栓和棱形压紧块的线夹, 最大至150mm ² (1组 = 6件) Pressure plate with screws and contact prism to 150 mm ² sm (1 set = 6 pieces)		1
1	40586.0100	框架 Frame		1
1	31438.0100	绝缘罩 Contact shrouds to add		1
1	36196.0010	快速安装(1 组) Quick fixing device (1 set)		1
1	85138.0100	位置指示的微动开关 Micro switch for position indicating		1
2	36199.0010	带螺栓的压块 1,5–70 mm ² (1组 = 6件) Pressure plate with screws 1,5–70 mm ² (1 set = 6 pieces)		1
2	36200.0010	带螺栓和棱形压紧块的线夹, 最大至240mm ² (1组 = 6件) Pressure plate with screws and contact prism to 240 mm ² sm (1 set = 6 pieces)		1
2	40587.0100	框架 Frame		1
2	31428.0100	绝缘罩 Contact shrouds to add		1
2	85138.0100	位置指示的微动开关 Micro switch for position indicating		1
3	36199.0010	带螺栓的压块 1,5–70 mm ² (1组 = 6件) Pressure plate with screws 1,5–70 mm ² (1 set = 6 pieces)		1
3	36200.0010	带螺栓和棱形压紧块的线夹, 最大至240mm ² (1组 = 6件) Pressure plate with screws and contact prism to 240 mm ² sm (1 set = 6 pieces)		1
3	40588.0100	框架 Frame		1
3	31429.0100	绝缘罩 Contact shrouds to add		1
3	85138.0100	位置指示的微动开关 Micro switch for position indicating		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-IN** 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系统熔断器及底座
Special Systems/D-System Fuse-Links and -Bases

