




# 3NP1 fuse switch disconnectors

Integrated safety for users and systems

Fuse switch disconnectors are used for occasional switching of a load and reliably provide for isolation of the feeder unit. They protect the system from short circuit and overload through the selection of fuses in LV HRC design. In everyday use, they are mostly deployed as main or repair switches.

	Rated current $I_n$	Fuse LV HRC	Article number	Additional versions		
<b>Switches for surface mounting<sup>1)</sup></b>						
	125 A <sup>2)</sup>	NH000	3NP112 - 1 CA	Number of poles 1 1-pole 3 3-pole 4 4-pole	Connection 1 Flat terminal, size 00 to 3 2 Box terminals, all sizes	Fuse monitoring <sup>3)</sup> 0 without 1 Electromechanical MFM 2 Electronic EFM10 3 Electronic EFM20 4 Electronic EFM15
	160 A	NH00	3NP113 - 1 CA			
	250 A	NH1	3NP114 - 1 DA			
	400 A	NH2	3NP115 - 1 DA			
	630 A	NH3	3NP116 - 1 DA			
<b>Switches for mounting on 8US 60 mm busbar systems</b>						
	125 A <sup>2)</sup>	NH000	3NP112 - 1 BC	Number of poles 3 3-pole <sup>4)</sup> 4 4-pole <sup>4)</sup>	Connection 1 Flat terminal, size 00 to 3 2 Box terminals, all sizes	Fuse monitoring <sup>3)</sup> 0 without 1 Electromechanical MFM 2 Electronic EFM10 3 Electronic EFM20 4 Electronic EFM15
	125 A <sup>5)</sup>	NH000 narrow	3NP1113 - 1 BC20			
	160 A	NH00	3NP113 - 1 BC			
	250 A	NH1	3NP114 - 1 BC			
	400 A	NH2	3NP115 - 1 BC			
	630 A	NH3	3NP116 - 1 BC			
<b>3-pole switch disconnector for mounting in Rittal RiLine60 system with floor pan</b>						
	125 A <sup>2)</sup>	NH000	3NP1123 - 1 JC	Connection 1 Flat terminal, size 00 to 3 2 Box terminals, all sizes	Fuse monitoring <sup>3)</sup> 0 without 1 Electromechanical MFM 2 Electronic EFM10 3 Electronic EFM20	
	160 A	NH00	3NP1133 - 1 JC			
	250 A	NH1	3NP1143 - 1 JC			
	400 A	NH2	3NP1153 - 1 JC			
	630 A	NH3	3NP1163 - 1 JC			

For prices and the complete offering, see Catalog LV10, Chapter 7

**Notes:**

<sup>1)</sup> Mounting onto standard mounting rail is possible with accessories – it can be done for size 000 on one rail, for size 00 and 1 between 2 rails with 125/150 mm clearance.

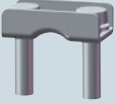






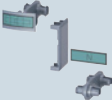


<sup>2)</sup> 160 A possible, when supply terminal 3NP1923-1BD00 is used

<sup>3)</sup> Fuse monitoring:

MFM available for size 00 to 3 3-pole / EFM10 and EFM20 available for all sizes 3-pole / EFM15 available for all sizes 1- and 3-pole

<sup>4)</sup> 1-pole 3NP1 for mounting on a busbar are possible through combination of a 1-pole 3NP1 for surface mounting and the corresponding assembly kit – see accessories on the rear

<sup>5)</sup> Framesize NH000 narrow is compatible with NH00 concerning dimensions, but width is half. For the busbar mounting variants the cable connection cannot be changed. It is always on the bottom. 3NP1113-2BC20 has the cable connection on top. The busbar mounting variants can also be mounted on the Rittal RiLine60 system with ground plate.

Product	Version	Article number	Additional versions	
<b>Saddle terminal for 3NP1 with flat terminal</b>				
	for size NH00	3 NP 193 <input type="checkbox"/> - 1 BA 00	<input type="checkbox"/> ↓ Quantity 1 1 terminal per pack for 1-pole 3NP1 3 3 terminals per pack for 3-pole 3NP1	
	for size NH1	3 NP 194 <input type="checkbox"/> - 1 BA 00		
	for size NH2	3 NP 195 <input type="checkbox"/> - 1 BA 00		
	for size NH3	3 NP 196 <input type="checkbox"/> - 1 BA 00		
<b>Prism terminal for 3NP1 with flat terminal</b>				
	for size NH00	3 NP 193 <input type="checkbox"/> - 1 BB <input type="checkbox"/> 0	<input type="checkbox"/> ↓ Quantity 1 1 terminal per pack for 1-pole 3NP1 3 3 terminals per pack for 1-pole 3NP1	<input type="checkbox"/> ↓ Version 1 Single terminal 2 Double terminal (only size 1 to 3)
	for size NH1	3 NP 194 <input type="checkbox"/> - 1 BB <input type="checkbox"/> 0		
	for size NH2	3 NP 195 <input type="checkbox"/> - 1 BB <input type="checkbox"/> 0		
	for size NH3	3 NP 196 <input type="checkbox"/> - 1 BB <input type="checkbox"/> 0		
<b>Triple terminal</b>				
	for size NH00 and NH000 with box terminal	3 NP 192 <input type="checkbox"/> - 1 BE 20	<input type="checkbox"/> ↓ Quantity 1 1 terminal per pack for 1-pole 3NP1 3 3 terminals per pack for 3-pole 3NP1	
	for size NH00 for flat connection	3 NP 193 <input type="checkbox"/> - 1 BE 10		
<b>Feeder terminal</b>				
	for size NH000	3 NP 192 <input type="checkbox"/> - 1 BD 00	<input type="checkbox"/> ↓ Quantity 1 1 terminal per pack for 1-pole 3NP1 3 3 terminals per pack for 3-pole 3NP1	
<b>Auxiliary switch 1 changeover contact</b>				
	for size NH000	3 NP 1920-0F <input type="checkbox"/> 00	<input type="checkbox"/> ↓ Version A Standard B Solid-state compatible	
	for size NH000 narrow	3 NP 1930-0F <input type="checkbox"/> 00		
	for size NH1 to NH3	3 NP 1940-0F <input type="checkbox"/> 00		
<b>Isolation link for 4-pole applications – leading switching on / lagging switching off</b>				
	for size NH000	3 NP 1924-1 MA 20		
	for size NH00	3 NP 1934-1 MA 20		
	for size NH1	3 NP 1944-1 MA 20		
	for size NH2	3 NP 1954-1 MA 20		
	for size NH3	3 NP 1964-1 MA 20		
<b>Assembly kit for mounting onto standard mounting rail</b>				
	for size NH000	3 NP 192 <input type="checkbox"/> - 1 EA 00	<input type="checkbox"/> ↓ Version 1 for 1-pole 3NP1 3 for 3-pole 3NP1 4 for 4-pole 3NP1	For size 00, the 3-pole version can also be used for 4-pole 3NP1, for size 1 the 3-pole version can be used for 1-, 3- and 4-pole 3NP1.
	for size NH00	3 NP 193 <input type="checkbox"/> - 1 EB 00		
	for size NH1	3 NP 1943-1 EB 00		
<b>Assembly kit for mechanical connection of two 3NP1 for surface mounting to create 2- or 4-pole versions</b>				
	for size NH000	3 NP 1921-1 EC 00		
	for size NH00	3 NP 1931-1 EC 00		
	for size NH1 to NH3	3 NP 1941-1 EC 00		
<b>Assembly kit for mounting of a 1-pole 3NP1 with box terminal on a 60 mm busbar system</b>				
	for size NH000	3 NP 1921-1 EE 10		
	for size NH00	3 NP 1931-1 EE 10		
<b>Locking device for retrofitting a locking option with a padlock (contains 10 units)</b>				
	for all sizes	3 NP 1900-1 HA 00	only necessary for 3-pole 3NP1 (except NH000 narrow)	

All 3NP1 fuse switch disconnectors are compliant with the IEC /EN 60947-1 and IEC/EN 60947-3 standards.  
For prices and the complete offering, see Catalog LV10, Chapter 8