

3NP, 3NJ4, 3NJ5 Fuse Switch Disconnectors

3NP Fuse Switch Disconnectors up to 630 A

General data

Application

SENTRON 3NP4 and 3NP5 fuse switch disconnectors are controls for the occasional manual switching/isolating of loads and distribution boards. They are able to switch on, conduct and switch off the specified rated current (including a specific overload).

With the SENTRON 3NP4 and 3NP5 fuse switch disconnectors, all poles of downstream electric loads can be safely disconnected from the system under load.

The SENTRON 3NP4 and 3NP5 fuse switch disconnectors are ideally suited for surface mounting and installation in distribution boards (e.g. ALPHA, SIKUS), meter cabinets (e.g. ALPHA 400-ZS), and molded-plastic distribution systems such as 8HP.

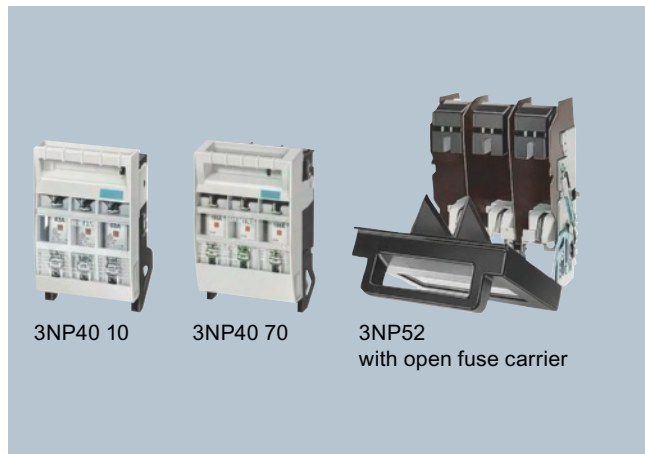
The possibility of mounting them onto a range of different busbar systems allows their very diverse implementation in switchgear cabinet and control engineering.

The SENTRON 3NP4 NH fuse system 000¹⁾ and NH fuse system 00 sizes can be snapped onto a 35 mm standard mounting rail and are ideal for operation in combination with other switchgear, for example in capacitor modules for reactive power compensation.

SENTRON 3NP4 and 3NP5 fuse switch disconnectors

In conjunction with semiconductor protection fuses (e.g. SITOR), these are used for the effective protection of frequency converters and soft starters.

SENTRON 3NP fuse switch disconnectors



The SENTRON 3NP4 and 3NP5 fuse switch disconnectors are suitable for use in any climate and comply with standards IEC 60947-1, IEC 60947-3 and EN 60947-3.

In addition, the SENTRON 3NP5 series of fuse switch disconnectors complies with the requirements of BS 5419 and is also approved for operation in marine applications.²⁾

All SENTRON 3NP4 and 3NP5 fuse switch disconnectors can be sealed as standard (or can be sealed through accessories).

¹⁾ Corresponds to fuse size NH fuse system 000 (NH fuse system 00C) or NH fuse system 00 with reduced dimensions; maximum width 21 mm according to IEC 60269-2 and DIN 43620.

²⁾ Always use approved fuse links.

3NP, 3NJ4, 3NJ5 Fuse Switch Disconnectors

3NP Fuse Switch Disconnectors up to 630 A

3NP4 for power distribution

Selection and ordering data

Surface mounting and installation

Rated uninter- rupted current I_U	Connection types (on both sides)		For LV HRC fuse links acc. to DIN 43620 ¹⁾	For isolating links ²⁾	DT	Degree of protection IP00, without fuse links, without isolating links, with terminal screws	PU (UNIT, SET, M)	PS*	PG	Weight per PU approx.
	Connec- tion	For con- ductor cross- section								
A		mm ²	Size	Size						kg
Up to 160 A for snapping onto standard mounting rails										
160 ³⁾	Box terminal	1.5 ... 50	000 ⁴⁾	00	▶	3NP40 10-0CH01	1	1 unit	103	0.512
160	Flat connector (M8)	Up to 2 × 70	00 and 000	00	▶	3NP40 70-0CA01	1	1 unit	103	0.749
	Box terminal	2.5 ... 70 or 2 × 2.5 ... 16			▶	3NP40 70-0CH01	1	1 unit	103	0.800
250	Flat connector (M10)	Up to 150	1 and 0	1 and 0	▶	3NP42 70-0CA01	1	1 unit	103	2.436
	Flat connector (M10)	Up to 240	2 and 1	2 and 1	▶	3NP43 70-0CA01	1	1 unit	103	3.614
	Flat connector (M12)	Up to 2 × 240	3 and 2	3 and 2	▶	3NP44 70-0CA01	1	1 unit	103	4.984



3NP40 10



3NP40 70



3NP42 70

For all fuse switch disconnectors with flat connection, the appropriate cable lug covers (3NY7 101 to 3NY7 141) must be used for finger-safe cover according to BGV A2, see "Accessories".

- 1) LV HRC fuse links, see Catalog ET B1.
- 2) Insert silver-plated isolating links.
- 3) 125/160 A only possible with 21-mm wide 3NY1 822 (125 A) and 3NY1 824 (160 A) LV HRC fuse links, see "Accessories".
- 4) Corresponds to LV HRC fuse links size 00 with a maximum width of 21 mm (according to IEC 60269-2-1 and DIN 43620).

3NP, 3NJ4, 3NJ5 Fuse Switch Disconnectors

3NP Fuse Switch Disconnectors up to 630 A

3NP4 for power distribution

For 40 mm busbar system

Rated uninterrupted current I_U	Connection types (on both sides)		For LV HRC fuse links acc. to DIN 43620 ¹⁾	For isolating links ²⁾	DT	Degree of protection IP00, without fuse links, without isolating links, with terminal screws	PU (UNIT, SET, M)	PS*	PG	Weight per PU approx.
	Connection	For conductor cross-section								
A		mm ²	Size	Size						kg

Busbars with a width of 12 mm or 15 mm and a thickness of 5 mm or 10 mm³⁾

With adapter, deep, e.g. for mounting in ALPHA meter cabinets (ALPHA 400-ZS) and ALPHA distribution boards (STAB/SIKUS)



3NP40 15-0CK01

160 ⁴⁾	Box terminal	1.5 ... 50								
		Connection at top	000 ⁵⁾	00	A	3NP40 15-0CK01	1	1 unit	103	0.952
		Connection at bottom			A	3NP40 15-0CJ01	1	1 unit	103	0.970
160	Flat connector	Up to 2 × 70 (M8)								
		Connection at top	00 and 000	00	A	3NP40 75-0CE01	1	1 unit	103	1.210
	Connection at bottom			A	3NP40 75-0CF01	1	1 unit	103	1.244	
	Box terminal	2.5 ... 70 or 2 × 2.5 ... 16								
Connection at top		00 and 000	00	A	3NP40 75-0CK01	1	1 unit	103	1.290	
		Connection at bottom			A	3NP40 75-0CJ01	1	1 unit	103	1.274
With adapter, flat, to DIN 43620 Part 6, for general applications and ALPHA distribution boards (STAB/SIKUS)										
160 ⁴⁾	Box terminal	1.5 ... 50								
		Connection at top	000 ⁵⁾	00	A	3NP40 15-1CK01	1	1 unit	103	0.892
		Connection at bottom			B	3NP40 15-1CJ01	1	1 unit	103	0.888
160	Flat connector	Up to 2 × 70 (M8)								
		Connection at top	00 and 000	00 and 000	A	3NP40 75-1CE01	1	1 unit	103	1.186
	Connection at bottom			A	3NP40 75-1CF01	1	1 unit	103	1.189	
	Box terminal	2.5 ... 70 or 2 × 2.5 ... 16								
Connection at top		00 and 000	00 and 000	A	3NP40 75-1CK01	1	1 unit	103	1.261	
		Connection at bottom			A	3NP40 75-1CJ01	1	1 unit	103	1.213
250	Flat connector	Up to 240 (M10)								
		Connection at bottom or top	1 and 0	1 and 0	A	3NP42 75-1CG01	1	1 unit	103	3.719

For all fuse switch disconnectors with flat connection, the appropriate cable lug covers (3NY7 101 to 3NY7 141) must be used for finger-safe cover according to BGV A2, see "Accessories".

- 1) For LV HRC fuse links, see Catalog ET B1.
- 2) Insert silver-plated isolating links.
- 3) For mounting on only 5 mm thick busbars, a busbar thickness compensator is required for 3NP42 and 3NP43; see "Accessories". 3NP44 can only be fitted on 10 mm thick busbars.
- 4) 125/160 A only possible with 21-mm wide 3NY1 822 (125 A) and 3NY1 824 (160 A) LV HRC fuse links, see "Accessories".
- 5) Corresponds to LV HRC fuse links size 00 with a maximum width of 21 mm (according to IEC 60269-2-1 and DIN 43620).

3NP, 3NJ4, 3NJ5 Fuse Switch Disconnectors


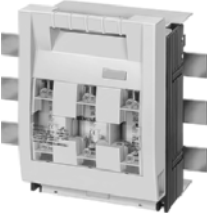
3NP Fuse Switch Disconnectors up to 630 A

3NP4 for power distribution

For 60 mm busbar system

Rated uninterrupted current I_U	Connection types (on both sides)		For LV HRC fuse links acc. to DIN 43620 ¹⁾	For isolating links ²⁾	DT	Degree of protection IP00, without fuse links, without isolating links, with terminal screws	PU (UNIT, SET, M)	PS*	PG	Weight per PU approx.
	Connection	For conductor cross-section								
A		mm ²	Size	Size						kg

Busbars with a width of 12 mm to 30 mm and a thickness of 5 mm or 10 mm³⁾ flat T and I profiles, as well as on Rittal PLS systems

	160 ⁴⁾	Box terminal ⁵⁾	1.5 ... 50										
		Connection at top	000 ⁴⁾	00	A	3NP40 16-1CK01	1	1 unit	103	0.916			
		Connection at bottom			▶	3NP40 16-1CJ01	1	1 unit	103	0.950			
	160	Flat connector	Up to 2 × 70 (M8)	Connection at top	00 and 000	00	A	3NP40 76-1CE01	1	1 unit	103	1.203	
				Connection at bottom			▶	3NP40 76-1CF01	1	1 unit	103	1.201	
		Box terminal ⁵⁾	2.5 ... 70 or 2 × 2.5 ... 16		Connection at top	00 and 000	00	B	3NP40 76-1CK01	1	1 unit	103	1.295
					Connection at bottom			▶	3NP40 76-1CJ01	1	1 unit	103	1.249
		250	Flat connector	Up to 150 (M10)	Connection at bottom or top	1 and 0	1 and 0	▶	3NP42 76-1CG01	1	1 unit	103	3.713
	400	Flat connector	Up to 240 (M10)	Connection at bottom or top	2 and 1	2 and 1	▶	3NP43 76-1CG01	1	1 unit	103	5.440	
	630	Flat connector	Up to 2 × 240 (M12)	Connection at bottom or top	3 and 2	3 and 2	▶	3NP44 76-1CG01	1	1 unit	103	7.688	

For all fuse switch disconnectors with flat connection, the appropriate cable lug covers (3NY7 101 to 3NY7 141) must be used for finger-safe cover according to BVG A2, see "Accessories".

1) LV HRC fuse links, see Catalog ET B1.

2) Insert silver-plated isolating links.

3) For mounting on only 5 mm thick busbars, a busbar thickness compensator is required for 3NP42 and 3NP43; see "Accessories". 3NP44 can only be fitted on 10 mm thick busbars.

4) 125/160 A only possible with 21 mm wide 3NY1 822 (125 A) and 3NY1 824 (160 A) LV HRC fuse links, see "Accessories".

5) No further cover required for 3NP40 with box terminal.

3NP, 3NJ4, 3NJ5 Fuse Switch Disconnectors

3NP Fuse Switch Disconnectors up to 630 A

3NP4 for power distribution
with fuse monitoring

Selection and ordering data

With fuse monitoring by SIRIUS motor starter protectors/circuit breakers¹⁾²⁾

Surface mounting and installation

Rated uninter- rupted current I_u	Connection types (on both sides)		For LV HRC fuse links acc. to DIN 43620 ³⁾	For isolating links ⁴⁾	DT	Degree of protection IP00, without fuse links, without isolating links, with terminal screws	PU (UNIT, SET, M)	PS*	PG	Weight per PU approx.
	Con- nection	For con- ductor cross- section								
A		mm ²	Size	Size						kg
Up to 160 A for snapping onto standard mounting rails										
160	Flat connector (M8)	Up to 2 × 70	00 and 000	00	A	3NP40 70-0FA01	1	1 unit	103	1.276
	Box terminal	2.5 ... 70 or 2 × 2.5 ... 16			A	3NP40 70-0FH01	1	1 unit	103	1.350
250	Flat connector (M10)	Up to 150	1 and 0	1 and 0	A	3NP42 70-0FA01	1	1 unit	103	2.940
400	Flat connector (M10)	Up to 240	2 and 1	2 and 1	A	3NP43 70-0FA01	1	1 unit	103	4.174
630	Flat connector 240 (M12)	Up to 2 × 240 (M12)	3 and 2	3 and 2	A	3NP44 70-0FA01	1	1 unit	103	5.495



3NP40 70-0FA01

For all fuse switch disconnectors with flat connection, the appropriate cable lug covers (3NY7 101 to 3NY7 141) must be used for finger-safe cover according to BVG A2, see "Accessories".

- 1) SIRIUS motor starter protectors, as standard with auxiliary switches 1 NO + 1 NC.
- 2) For 3NP40 7 with output socket for auxiliary switches, the signal cable must be ordered separately; see "Accessories".
For 3NP41 to 3NP44, the auxiliary switch must be connected with a 2.8 mm × 0.5 mm flat connector according to DIN 46244-A.
- 3) For LV HRC fuse links, see Catalog ET B1.
- 4) Insert silver-plated isolating links.

3NP, 3NJ4, 3NJ5 Fuse Switch Disconnectors

3NP Fuse Switch Disconnectors up to 630 A

3NP4 for power distribution
with fuse monitoring

With fuse monitoring by SIRIUS motor starter protectors/circuit breakers¹⁾²⁾

For 40 mm busbar system

Rated uninterrupted current I_u	Connection types (on both sides)		For LV HRC fuse links acc. to DIN 43620 ³⁾	For isolating links ⁴⁾	DT	Degree of protection IP00, without fuse links, without isolating links, with terminal screws	PU (UNIT, SET, M)	PS*	PG	Weight per PU approx.
	Connection	For conductor cross-section								
A		mm ²	Size	Size						kg
Busbars with a width of 12 mm or 15 mm and a thickness of 5 mm or 10 mm⁵⁾										
With adapter, deep, e.g. for mounting in ALPHA meter cabinets (ALPHA 400-ZS) and ALPHA distribution boards (STAB/SIKUS)										
160	Flat connector	Up to 2 × 70 (M8)	Connection 00 and 000	00	B	3NP40 75-0FE01	1	1 unit	103	1.812
			Connection at top		B	3NP40 75-0FF01	1	1 unit	103	1.780
	Box terminal	2.5 ... 70 or 2 × 2.5 ... 16	Connection 00 and 000	00	B	3NP40 75-0FK01	1	1 unit	103	1.820
			Connection at bottom		B	3NP40 75-0FJ01	1	1 unit	103	1.831
With adapter, flat, to DIN 43620 Part 6, for general applications and ALPHA distribution boards (STAB/SIKUS)										
160	Flat connector	Up to 2 × 70 (M8)	Connection 00 and 000	00 and 000	B	3NP40 75-1FE01	1	1 unit	103	1.616
			Connection at bottom		B	3NP40 75-1FF01	1	1 unit	103	1.620
	Box terminal	2.5 ... 70 or 2 × 2.5 ... 16	Connection 00 and 000	00 and 000	B	3NP40 75-1FK01	1	1 unit	103	1.717
			Connection at bottom		B	3NP40 75-1FJ01	1	1 unit	103	1.630
250	Flat connector	Up to 240 (M10)	Connection 1 and 0	1 and 0	A	3NP42 75-1FG01	1	1 unit	103	4.210



3NP40 75-1FF01

For all fuse switch disconnectors with flat connection, the appropriate cable lug covers (3NY7 101 to 3NY7 141) must be used for finger-safe cover according to BGV A2, see "Accessories".

- 1) SIRIUS motor starter protectors, as standard with auxiliary switches 1 NO + 1 NC.
- 2) For 3NP40 7 with output socket for auxiliary switches, the signal cable must be ordered separately; see "Accessories". For 3NP41 to 3NP44, the auxiliary switch must be connected with a 2.8 mm × 0.5 mm flat connector according to DIN 46244-A.
- 3) LV HRC fuse links, see Catalog ET B1.
- 4) Insert silver-plated isolating links.
- 5) For mounting on only 5 mm thick busbars, a busbar thickness compensator is required for 3NP42 and 3NP43; see "Accessories". 3NP44 can only be fitted on 10 mm thick busbars.

3NP, 3NJ4, 3NJ5 Fuse Switch Disconnectors

3NP Fuse Switch Disconnectors up to 630 A

**3NP4 for power distribution
with fuse monitoring**

With fuse monitoring by SIRIUS motor starter protectors/circuit breakers¹⁾²⁾

For 60 mm busbar system

Rated uninter- rupted current I_u	Connection types (on both sides)		For LV HRC fuse links acc. to DIN 43620 ³⁾	For isolating links ⁴⁾	DT	Degree of protection IP00, without fuse links, without isolating links, with terminal screws	PU (UNIT, SET, M)	PS*	PG	Weight per PU approx.
	Connec- tion	For conduc- tor cross- section								
A		mm ²	Size	Size						kg
Busbars with a width 12 mm to 30 mm and thickness 5 mm or 10 mm⁵⁾ flat, T and I profiles, as well as on Rittal PLS systems										
160	Flat connector	Up to 2 × 70 (M8) Connection at top Connection at bottom	00 and 000	00	B	3NP40 76-1FE01	1	1 unit	103	1.670
					A	3NP40 76-1FF01	1	1 unit	103	1.890
	Box terminal	2.5 ... 70 or 2 × 2.5 ... 16 Connection at top Connection at bottom	00 and 000	00	B	3NP40 76-1FK01	1	1 unit	103	1.755
					B	3NP40 76-1FJ01	1	1 unit	103	1.915
250	Flat connector	Up to 150 (M10) Connection at bottom or top	1 and 0	1 and 0	A	3NP42 76-1FG01	1	1 unit	103	4.171
400	Flat connector	Up to 240 (M10) Connection at bottom or top	2 and 1	2 and 1	A	3NP43 76-1FG01	1	1 unit	103	5.845
630	Flat connector	Up to 2 × 240 (M12) Connection at bottom or top	3 and 2	3 and 2	A	3NP44 76-1FG01	1	1 unit	103	8.235

For all fuse switch disconnectors with flat connection, the appropriate cable lug covers (3NY7 101 to 3NY7 141) must be used for finger-safe cover according to BGV A2, see "Accessories".


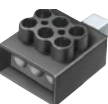
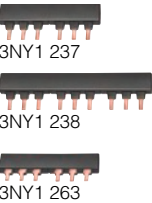

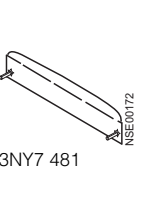


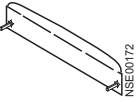
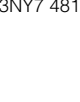

- 1) SIRIUS motor starter protectors, as standard with auxiliary switches 1 NO + 1 NC.
- 2) For 3NP40 7 with output socket for auxiliary switches, the signal cable must be ordered separately; see "Accessories".
For 3NP41 to 3NP44, the auxiliary switch must be connected with a 2.8 mm × 0.5 mm flat connector according to DIN 46244-A.
- 3) For LV HRC fuse links, see Catalog ET B1.
- 4) Insert silver-plated isolating links.
- 5) For mounting on only 5 mm thick busbars, a busbar thickness compensator is required for 3NP42 and 3NP43; see "Accessories".
3NP44 can only be fitted on 10 mm thick busbars.

3NP, 3NJ4, 3NJ5 Fuse Switch Disconnectors

3NP Fuse Switch Disconnectors up to 630 A

3NP4 for power distribution
Accessories

Selection and ordering data

	For fuse switch disconnectors	Version	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*	PG	Weight per PU approx. kg
	Quick retaining plates Between 2 support rails to EN 60715								
	Center-to-center spacing 125 mm	3NP40 10, 3NP40 70	B	3NY1 995			1 1 unit	103	0.135
	Center-to-center spacing 125 mm	3NP42 70	B	3NY7 322			1 1 unit	103	0.249
	Cable lug covers And finger-safe cover according to BVG A2 (1 set = 2 units) for 1 mounting device or 2 adapter devices								
		3NP40 7 with flat connector ¹⁾	▶	3NY7 101			1 1 unit	103	0.065
		3NP42 7	▶	3NY7 121			1 1 unit	103	0.220
		3NP43	▶	3NY7 131			1 1 unit	103	0.221
		3NP44	▶	3NY7 141			1 1 unit	103	0.319
	Terminals (1 set = 3 units)								
		3NP42 7	Conductor cross-section 70 mm ² ... 150 mm ² ...	A	3NY7 120		1 1 unit	103	0.333
		3NP43	120 mm ² ... 240 mm ² ...	A	3NY7 130		1 1 unit	103	0.583
		3NP44	150 mm ² ... 300 mm ²	A	3NY7 140		1 1 unit	103	0.725
	Triple terminals (1 set = 3 units)								
	For fitting to box terminals	3NP40 1, 3NP40 7	Solid/ stranded: 2.5 mm ² ... 16 mm ²	A	3NY7 102		1 1 unit	103	0.131
	For fitting to flat connector	3NP40 7	Finely stranded with end sleeve: 2.5 mm ² ... 10 mm ²	B	3NY7 105		1 1 unit	103	0.113
	3-phase busbars Modular width 90 mm = 5 MW								
		3NP40 1	For I _N max = 225 A For 2 switch disconnectors	A	3NY1 237		1 1 unit	103	0.265
	Permissible connection 25 mm ² or feeder terminal		For 3 switch disconnectors	A	3NY1 238		1 1 unit	103	0.434
			For 4 switch disconnectors Link rails	A	3NY1 263		1 1 unit	103	0.267
	Sealable covers For 1 blank space in 3NY1 238								
		3NP40 1		A	3NY1 265		1 1 unit	103	0.012
	Feeder terminals (1 set = 3 units) for I _N max = 225 A								
		3NP40 1	Conductor cross-section Solid/ stranded: 25 mm ² ... 95 mm ² Finely stranded with end sleeve: 16 mm ² ... 70 mm ²	A	3NY1 236		1 1 unit	103	0.262
	Overreaching protection								
		3NP42 7, 3NP43, 3NP44		A	3NY7 481		1 1 unit	103	0.021
	Sealing pins (1 pack = 10 units)								
		3NP42 7, 3NP43, 3NP44		A	3NY7 482		1 10 units	103	0.056
	Busbar thickness compensators (1 assembly kit = 5 parts) for only 5 mm thick busbars								
		3NP42 7, 3NP43		A	3NY7 381		1 1 unit	103	0.064

¹⁾ The fuse switch disconnector can be used in the meter cabinet with the cable lug cover mounted in combination with molded-plastic masking frames for the distribution board or switchpanel or the incoming feeder panel without any problems.

3NP, 3NJ4, 3NJ5 Fuse Switch Disconnectors

3NP Fuse Switch Disconnectors up to 630 A

3NP4 for power distribution Accessories



3NY3 035

	For fuse switch disconnectors	Version	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*	PG	Weight per PU approx. kg
Fuse carriers	Gray with inscription label with voltage inspection holes	3NP40 1	B	3NY7 003		1	1 unit	103	0.160
		3NP40 7	B	3NY7 001		1	1 unit	103	0.220
Auxiliary switches 1 CO	3NP40 1 to 3NP44		▶	3NY3 035		1	1 unit	103	0.004
	For sizes 000 and 00 with self-tapping screws for sizes 1 to 3 to clip on								
Solid-state compatible			B	3NY3 030		1	1 unit	103	0.004
Fuse links size 000	3NP40 1	400 V/125 A	A	3NY1 822		1	3 units	013	0.130
With non-insulated grip lugs, gL/gG operational class for cable and line protection, overall width 21 mm acc. to IEC 60269-2 and DIN 43620		400 V/160 A	B	3NY1 824		1	3 units	013	0.129
Signal cables									
For connection to size 00 fuse monitor output socket									
1 m cable with plug	3NP40 7		B	3NY1 910		1	1 unit	103	0.097
3 m cable with plug	3NP40 7		B	3NY1 911		1	1 unit	103	0.261

SITOR fuses for 3NP4 fuse switch disconnectors: Assignment table

For switch disconnectors			SITOR fuses				DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*	PG	Weight per PU approx. kg
Type	Permissible load current ¹⁾	Required conductor cross-section Cu	Size	Operational class	Rated current	Rated voltage ²⁾							
	A	mm ²			A	V							
SITOR 3NE1 fuses for 3NP4													
3NP40 1	16	1.5	000	gR/gS	16	690	▶	3NE1 813-0		1	3 units	047	0.127
3NP40 7	20	2.5	000	gR/gS	20	690	▶	3NE1 814-0		1	3 units	047	0.128
	25	4	000	gR/gS	25	690	▶	3NE1 815-0		1	3 units	047	0.127
	35	6	000	gR/gS	35	690	▶	3NE1 803-0		1	3 units	047	0.128
	40	10	000	gR/gS	40	690	▶	3NE1 802-0		1	3 units	047	0.127
	50	10	000	gR/gS	50	690	▶	3NE1 817-0		1	3 units	047	0.128
	63	16	000	gR/gS	63	690	▶	3NE1 818-0		1	3 units	047	0.128
	80	25	000	gR/gS	80	690	▶	3NE1 820-0		1	3 units	047	0.129
3NP40 7	100	35	00	gR/gS	100	690	▶	3NE1 021-0		1	3 units	047	0.202
	125	50	00	gR/gS	125	690	▶	3NE1 022-0		1	3 units	047	0.202
	105	50	00	gR	125	690	A	3NE1 022-2		1	3 units	047	0.203
3NP42 7	160	70	1	gR/gS	160	690	▶	3NE1 224-0		1	3 units	047	0.580
	160	70	1	gR	160	690	A	3NE1 224-2		1	3 units	047	0.613
	200	95	1	gR/gS	200	690	▶	3NE1 225-0		1	3 units	047	0.582
	200	95	1	gR	200	690	A	3NE1 225-2		1	3 units	047	0.612
	250	120	1	gR/gS	250	690	▶	3NE1 227-0		1	3 units	047	0.580
	250	120	1	gR	250	690	A	3NE1 227-2		1	3 units	047	0.626
3NP43 7	315	2 × 70	2	gR/gS	315	690	A	3NE1 230-0		1	3 units	047	0.581
	315	2 × 70	2	gR	315	690	A	3NE1 230-2		1	3 units	047	0.615
	350	2 × 95	2	gR/gS	350	690	▶	3NE1 331-0		1	3 units	047	0.766
	350	2 × 95	2	gR	350	690	A	3NE1 331-2		1	3 units	047	0.754
	400	2 × 95	2	gR/gS	400	690	▶	3NE1 332-0		1	3 units	047	0.743
3NP44 7	450	2 × 120	2	gR/gS	450	690	A	3NE1 333-0		1	3 units	047	0.760
(3NP44 76)	425	2 × 120	2	gR	450	690	A	3NE1 333-2		1	3 units	047	0.768
	480	2 × 120	2	gR/gS	500	690	A	3NE1 334-0		1	3 units	047	0.766
	465 (450) ³⁾	2 × 120	2	gR	500	690	A	3NE1 334-2		1	3 units	047	0.768
3NP44 70	560 (510) ³⁾	2 × 150	3	gR/gS	560	690	A	3NE1 435-0		1	3 units	047	1.111
(3NP44 76)	540 (500) ³⁾	2 × 150	3	gR	560	690	A	3NE1 435-2		1	3 units	047	1.149
	620 (535) ³⁾	2 × 185	3	gR/gS	630	690	A	3NE1 436-0		1	3 units	047	1.114
	600 (520) ³⁾	2 × 185	3	gR	630	690	A	3NE1 436-2		1	3 units	047	1.179
	690 (600) ³⁾	2 × (40 × 5)	3	gR/gS	710	690	A	3NE1 437-0		1	3 units	047	1.117
	670 (570) ³⁾	2 × (40 × 5)	3	gR	690	600	D	3NE1 437-1		1	3 units	047	1.120
	540 (540) ³⁾	2 × (40 × 5)	3	gR	710	600	B	3NE1 437-2		1	3 units	047	1.153
	750 (640) ³⁾	2 × (50 × 5)	3	gR/gS	800	690	A	3NE1 438-0		1	3 units	047	1.124
	710 (600) ³⁾	2 × (50 × 5)	3	gR	750	600	B	3NE1 438-1		1	3 units	047	1.113
	580 (580) ³⁾	2 × (50 × 5)	3	gR/	800	600	A	3NE1 438-2		1	3 units	047	1.184
	530 (530) ³⁾	2 × (40 × 5)	3	gR	670	690	A	3NE1 447-2		1	3 units	047	1.170
	630 (630) ³⁾	2 × (40 × 8)	3	gR	850	690	A	3NE1 448-2		1	3 units	047	1.207

¹⁾ Permissible load current of the SITOR fuse in the switch disconnector. In the case of cyclic loads, the currents may have to be reduced again (precise values on request).

²⁾ When maintaining overvoltage category 2 (instead of 3) and degree of pollution 2 (instead of 3) to EN 60947-1, the rated insulation voltage of the 3NP fuse switch disconnector is also $U_i = 1000$ V.

³⁾ Values in brackets apply to 3NP44 76 switch disconnectors.

3NP, 3NJ4, 3NJ5 Fuse Switch Disconnectors

3NP Fuse Switch Disconnectors up to 630 A

3NP4 for power distribution
Accessories

For switch disconnectors			SITOR fuses				DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*	PG	Weight per PU approx.
Type	Permissible load current ¹⁾	Required conductor cross-section Cu	Size	Operational class	Rated current	Rated voltage ²⁾							
	A	mm ²			A	V							kg
SITOR 3NE3 to 3NE8 and 3NC2 to 3NC8 fuses for 3NP4													
3NP40 7 (3NP40 75/ 3NP40 76)	25	4	00	gR	25	690	▶	3NE8 015-1		1	3 units	047	0.205
	33	6	00	gR	35	690	▶	3NE8 003-1		1	3 units	047	0.204
	45	10	00	gR	50	690	▶	3NE8 017-1		1	3 units	047	0.203
	54 (53)	16	00	gR	63	690	▶	3NE8 018-1		1	3 units	047	0.205
	68	25	00	aR	80	690	▶	3NE8 020-1		1	3 units	047	0.203
	89 (85)	35	00	aR	100	690	▶	3NE8 021-1		1	3 units	047	0.205
	106 (100)	50	00	aR	125	690	▶	3NE8 022-1		1	3 units	047	0.213
	130 (125)	70	00	aR	160	690	▶	3NE8 024-1		1	3 units	047	0.207
3NP42 ³⁾	32	6	0	gR	32	1000	▶	3NE4 101		1	3 units	047	0.278
	38	10	0	gR	40	1000	▶	3NE4 102		1	3 units	047	0.277
	45	10	0	gR	50	1000	▶	3NE4 117		1	3 units	047	0.276
	59	16	0	gR	63	1000	▶	3NE4 118		1	3 units	047	0.279
	76	25	0	aR	80	1000	▶	3NE4 120		1	3 units	047	0.276
	90	35	0	aR	100	1000	▶	3NE4 121		1	3 units	047	0.278
	115	50	0	aR	125	1000	▶	3NE4 122		1	3 units	047	0.279
	144	70	0	aR	160	1000	▶	3NE4 124		1	3 units	047	0.279
3NP43 (3NP43 76)	100 (100)	35	1	aR	100	1000	A	3NE3 221		1	3 units	047	0.580
	120 (125)	50	1	aR	125	1000	A	3NE3 222		1	3 units	047	0.568
	150 (160)	70	1	aR	160	1000	▶	3NE3 224		1	3 units	047	0.573
	190 (200)	95	1	aR	200	1000	▶	3NE3 225		1	3 units	047	0.570
	230 (250)	120	1	aR	250	1000	▶	3NE3 227		1	3 units	047	0.580
	270 (285)	185	1	aR	315	1000	▶	3NE3 230-0B		1	3 units	047	0.585
	290 (310)	240	1	aR	350	1000	A	3NE3 231		1	3 units	047	0.590
	310 (330)	240	1	aR	400	1000	A	3NE3 232-0B		1	3 units	047	0.576
	330 (360)	2 × 150	1	aR	450	1000	▶	3NE3 233		1	3 units	047	0.720
	3NP44 70 (3NP44 76)	345 (340)	240	2	aR	400	1000	A	3NE3 332-0B		1	3 units	047
385 (370)		2 × 150	2	aR	450	1000	A	3NE3 333		1	3 units	047	0.748
430 (410)		2 × 150	2	aR	500	1000	▶	3NE3 334-0B		1	3 units	047	0.753
490 (450)		2 × 185	2	aR	560	1000	▶	3NE3 335		1	3 units	047	0.756
560 (500)		2 × 185	2	aR	630	1000	▶	3NE3 336		1	3 units	047	0.760
590 (510)		2 × 200	2	aR	710	900	▶	3NE3 337-8		1	3 units	047	0.762
605 (520)		2 × 200	2	aR	800	800	▶	3NE3 338-8		1	3 units	047	0.764
630 (530)		2 × 200	2	aR	900	690	▶	3NE3 340-8		1	3 units	047	0.753
205 (235)		120	2	aR	250	800	▶	3NE4 327-0B		1	3 units	047	0.753
260 (280)		240	2	aR	315	800	▶	3NE4 330-0B		1	3 units	047	0.760
375 (390)		2 × (30 × 5)	2	aR	450	800	▶	3NE4 333-0B		1	3 units	047	0.760
410 (415)		2 × (30 × 5)	2	aR	500	800	▶	3NE4 334-0B		1	3 units	047	0.754
540 (480)		2 × (40 × 5)	2	aR	710	800	▶	3NE4 337		1	3 units	047	0.771
140 (140)		70	3	gR	150	500	B	3NC2 423-3C		1	3 units	047	0.940
175 (175)		95	3	gR	200	500	B	3NC2 425-3		1	3 units	047	1.057
220 (215)		120	3	gR	250	500	B	3NC2 427-3		1	3 units	047	1.066
250 (245)		185	3	gR	300	500	B	3NC2 428-3		1	3 units	047	1.078
320 (315)		240	3	gR	350	500	B	3NC2 431-3C		1	3 units	047	0.940
370 (360)		240	3	gR	400	500	B	3NC2 432-3C		1	3 units	047	0.940
120 (120)		70	3	gR	150	660	B	3NC8 423-3		1	3 units	047	1.062
160 (155)		95	3	gR	200	660	B	3NC8 425-3		1	3 units	047	1.063
200 (195)		120	3	gR	250	660	B	3NC8 427-3		1	3 units	047	1.069
270 (260)		240	3	gR	350	660	B	3NC8 431-3		1	3 units	047	1.072
385 (375)		2 × 150	3	gR	500	660	B	3NC8 434-3		1	3 units	047	1.069
400 (400)		3 × (60 × 6)	3	aR	1000	600	C	3NC8 444-3		1	3 units	047	1.085

¹⁾ Permissible load current of the SITOR fuse in the switch disconnector. In the case of cyclic loads, the currents may have to be reduced again (precise values on request).

²⁾ When maintaining overvoltage category 2 (instead of 3) and degree of pollution 2 (instead of 3) to EN 60947-1, the rated insulation voltage of the 3NP fuse switch disconnector is also $U_i = 1000$ V.

³⁾ Due to the mechanical stress on the relatively long fuse blades, SITOR 3NE41 fuses should be switchable only occasionally and only at zero current.

For technical specifications and dimensional drawings of the SITOR fuses see [Catalog ET B1](#).


3NP, 3NJ4, 3NJ5 Fuse Switch Disconnectors

3NP Fuse Switch Disconnectors up to 630 A

3NP4 for power distribution
Assembly kits for distribution boards

Selection and ordering data

Masking frames

	For fuse switch disconnectors	Height × Width DT mm		Order No.	Price per PU	PU (UNIT, SET, M)	PS*	PG	Weight per PU approx. kg
For installation in 40 mm and 60 mm busbar systems									
Touch protection covers¹⁾									
	3NP40 75, 3NP40 76		B	3NY7 601		1	1 unit	103	0.125
For installation in any distribution board²⁾									
Molded-plastic masking frames									
 3NY1 251	3NP40 1	215 × 130	A	3NY1 251		1	1 unit	103	0.052
	3NP40 7 with box terminals	215 × 130	▶	3NY7 200		1	1 unit	103	0.037
	3NP40 7 with flat connector	215 × 130	▶	3NY7 201		1	1 unit	103	0.046
	3NP42 7	375 × 220	▶	3NY7 220		1	1 unit	103	0.112
	3NP43	375 × 245	A	3NY7 230		1	1 unit	103	0.117
	3NP44	375 × 290	A	3NY7 240		1	1 unit	103	0.125
For installation in ALPHA 400-ZS meter cabinets									
Molded-plastic masking frames									
Suitable for distribution board/switchpanel section or incoming unit section in meter cabinet (mounting on busbar)	2 × 3NP40 1	197 × 215.5	A	3NY1 258		1	1 unit	103	0.063
	1 × 3NP40 1 left	197 × 215.5	A	3NY1 262		1	1 unit	103	0.093
	1 × 3NP40 1 right	197 × 215.5	A	3NY1 264		1	1 unit	103	0.091
	1 × 3NP40 7 left	208 × 229	A	3NY7 500		1	1 unit	103	0.120
	1 × 3NP40 7 right	208 × 229	A	3NY7 501		1	1 unit	103	0.120
	2 × 3NP40 7	208 × 229	A	3NY7 502		1	1 unit	103	0.054
	3NP42 7	309 × 216	▶	3NY7 220		1	1 unit	103	0.112
	3NP43	375 × 245	A	3NY7 230		1	1 unit	103	0.117
3NP44	375 × 290	A	3NY7 240		1	1 unit	103	0.125	
For installation in ALPHA 160 and ALPHA 400 wall-mounted distribution boards (STAB 160/STAB 400) and ALPHA 630 floor-mounted distribution boards (SIKUS 630)									
Touch protection covers¹⁾³⁾									
	3NP40 76		B	3NY7 600		1	1 unit	103	0.095
Molded-plastic masking frames									
For attachment on mounting plate or busbars. For more information, see Catalog ET A1 "ALPHA Distribution Boards"	1 × 3NP40 1 right	166 × 199	A	3NY1 260		1	1 unit	103	0.082
	1 × 3NP40 1 left	166 × 199	A	3NY1 261		1	1 unit	103	0.086
	2 × 3NP40 1	166 × 199	A	3NY1 248		1	1 unit	103	0.036
	1 × 3NP40 7 left	208 × 229	A	3NY7 500		1	1 unit	103	0.120
	1 × 3NP40 7 right	208 × 229	A	3NY7 501		1	1 unit	103	0.120
	2 × 3NP40 7	208 × 236	A	3NY7 502		1	1 unit	103	0.054
	3NP42 7	309 × 216 ⁴⁾	A	3NY7 820		1	1 unit	103	0.113
	3NP43	375 × 245	A	3NY7 230		1	1 unit	103	0.117
	3NP44	375 × 290	A	3NY7 240		1	1 unit	103	0.125

¹⁾ When LV HRC fuse links size 00 (160 A) are used, the permissible load current is $0.9 \times I_n$.

²⁾ To some extent, special masking frames are required for installation in ALPHA wall-mounted and floor-mounted distribution boards (STAB, SIKUS), and ALPHA 400-ZS meter cabinets; see "Accessories".

³⁾ In the 60 mm busbar system with cable feeder at the bottom, the conductor cross-section is limited to 16 mm².

⁴⁾ With the 8GE3 818-0 support plate it is also possible to use the 3NY7 220 molded-plastic masking frame (for installation in any distribution board).

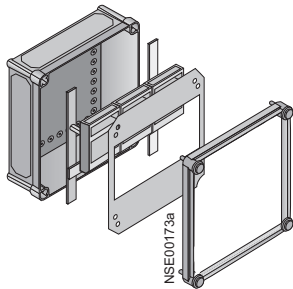
3NP, 3NJ4, 3NJ5 Fuse Switch Disconnectors

3NP Fuse Switch Disconnectors up to 630 A

3NP4 for power distribution
Assembly kits for distribution boards

For fuse switch disconnectors	8HP enclosure	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*	PG	Weight per PU approx.
	Size							kg

For installation in 8HP molded-plastic distribution systems



Molded-plastic masking frame

Molded-plastic masking frames

For installation in 8HP complete enclosures with fuse switch disconnectors

1 × 3NP40 10	1	A	8HP6 431		1	1 unit	046	0.221
1 × 3NP40 70	1	A	8HP6 422		1	1 unit	046	0.224
2 × 3NP40 10	2	A	8HP6 432		1	1 unit	046	0.465
3 × 3NP40 10	2	A	8HP6 432		1	1 unit	046	0.465
1 × 3NP40 70	2	A	8HP6 423		1	1 unit	046	0.230
2 × 3NP40 70	2	A	8HP6 424		1	1 unit	046	0.203
1 × 3NP40 70	2.5	A	8HP6 423		1	1 unit	046	0.230
2 × 3NP40 70	2.5	A	8HP6 424		1	1 unit	046	0.203
1 × 3NP42 70	2.5	A	8HP6 427		1	1 unit	046	0.250

For fuse switch disconnectors	Height × Width	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*	PG	Weight per PU approx.
	mm							kg

For installation in STAB/SIKUS 8GD/8GA "classic" distribution boards

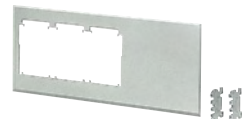
Molded-plastic masking frames

For fixing between two standard mounting rails with 3NY1 995 quick retaining plate

1 × 3NP40 10 right with and without auxiliary switch	197 × 215.5	A	3NY1 256		1	1 unit	103	0.116	
1 × 3NP40 10 left with and without auxiliary switch	197 × 215.5	A	3NY1 257		1	1 unit	103	0.118	
In a section of width B1	2 × 3NP40 10 with and without auxiliary switch	197 × 215.5	A	3NY1 258		1	1 unit	103	0.063
In a section of width B2/2	2 × 3NP40 10 with and without auxiliary switch	197 × 235	A	3NY1 250		1	1 unit	103	0.075
In a section of width B2	3 × 3NP40 10 with and without auxiliary switch (support included in scope of supply)	197 × 485	B	3NY1 253		1	1 unit	103	0.225
	4 × 3NP40 10 with and without auxiliary switch (support included in scope of supply)	197 × 485	B	3NY1 254		1	1 unit	103	0.188
	5 × 3NP40 10 with and without auxiliary switch	197 × 485	A	3NY1 255		1	1 unit	103	0.125



3NY1 250



3NY1 253



3NY1 255

Supports


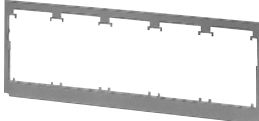
(1 set = 10 units)
For 3NY1 253 and 3NY1 254 molded-plastic masking frames

3NP40 1		C	3NY1 271		1	1 unit	103	0.100
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3NP, 3NJ4, 3NJ5 Fuse Switch Disconnectors

3NP Fuse Switch Disconnectors up to 630 A

3NP4 for power distribution
Assembly kits for distribution boards





	For fuse switch disconnectors	Height × Width mm	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*	PG	Weight per PU approx. kg	
	Molded-plastic masking frames									
	For snapping on of 3NP40 1 switch disconnectors	1 x 3NP40 1 right with and without auxiliary switch	166 × 199	A	3NY1 260		1	1 unit	103	0.082
	On standard mounting rail with special 8GD9 device holder and for mounting onto busbars (except 3NY1 247)	1 x 3NP40 1 left with and without auxiliary switch	166 × 199	A	3NY1 261		1	1 unit	103	0.086
	In a section of width B1	2 x 3NP40 1 with and without auxiliary switch	166 × 199	A	3NY1 248		1	1 unit	103	0.036
	In a section of width B2	5 x 3NP40 1 with and without auxiliary switch	166 × 469	A	3NY1 247		1	1 unit	103	0.072
	Blanking covers (1 set = 10 units) for covering blank space in the 3NY1 2 molded-plastic masking frames	3NP40 1	Width 90	B	3NY1 270		1	1 unit	103	0.040
	Molded-plastic masking frames									
	For fitting between two standard mounting rails	1 x 3NP40 7 left 1 x 3NP40 7 right	208 × 219 208 × 219	B B	3NY7 800 3NY7 801		1 1	1 unit 1 unit	103 103	0.100 0.120
	With 3NY1 995 quick retaining plate	2 x 3NP40 7	208 × 222	B	3NY7 802		1	1 unit	103	
	With 3NY1 322 quick retaining plate	1 x 3NP42 7	309 × 216	A	3NY7 820		1	1 unit	103	0.113
	Molded-plastic masking frames									
	For attachment									
	On 8GD9 100 mounting plate	1 x 3NP40 7 left 1 x 3NP40 7 right	208 × 229 208 × 229	A A	3NY7 500 3NY7 501		1 1	1 unit 1 unit	103 103	0.120 0.120
		2 x 3NP40 7 1 x 3NP42 70	208 × 236 309 × 216 ¹⁾	A A	3NY7 502 3NY7 820		1 1	1 unit 1 unit	103 103	0.054 0.113
	Molded-plastic masking frames									
For attachment										
	On 8GD9 591 mounting plate On 8GD9 592 mounting plate	1 x 3NP43 70 1 x 3NP44 70	375 × 245 375 × 290	A A	3NY7 230 3NY7 240		1 1	1 unit 1 unit	103 103	0.117 0.125

¹⁾ When mounting on 8GD9 590 support plate it is also possible to use the 3NY7 220 molded-plastic masking frame.

3NP, 3NJ4, 3NJ5 Fuse Switch Disconnectors

3NP Fuse Switch Disconnectors up to 630 A

3NP5 for extended technical requirements
Selection and ordering data
Surface mounting and installation

Rated uninterrupted current I_u	Connection types (on both sides)		For LV HRC fuse links acc. to DIN 43620 ¹⁾	For isolating links	Auxiliary switch on switch disconnectors	DT	Degree of protection IP00, without fuse links, without isolating links, with terminal screws		PU (UNIT, SET, M)	PS*	PG	Weight per PU approx.
	Connection	For conductor cross-section					Order No.	Price per PU				
A		mm ²	Size	Size	Version							kg
Completely compartmentalized, with high speed closing features												
 3NP50 60-OCA00	160	Flat connector ²⁾	2.5 ... 150 ³⁾	00 and 000	00	none ⁴⁾ 1 NO + 1 NC	▶ B	3NP50 60-OCA00 3NP50 60-OCA10	1	1 unit	103	1.608
		Terminal clamp	1 conductor 2.5 ... 50 or 2 conductors 1 × 2.5 ... 50 1 × 2.5 ... 35	00 and 000	00	none ⁴⁾ 1 NO + 1 NC	A B	3NP50 60-OCB00 3NP50 60-OCB10	1	1 unit	103	1.739 1.748
 3NP52 60-OCA00	250	Flat connector	6 ... 150 ⁵⁾	1 and 0	1	Without 1 NO + 1 NC	▶ A	3NP52 60-OCA00 3NP52 60-OCA10	1	1 unit	103	5.475 5.491
		Terminal clamp	35 ... 120	1 and 0	1	Without 1 NO + 1 NC	C B	3NP52 60-OCB00 3NP52 60-OCB10	1	1 unit	103	5.605 5.814
 3NP53 60-OCA00	400	Flat connector	6 ... 240 ⁵⁾	2 and 1	2	Without 1 NO + 1 NC	▶ A	3NP53 60-OCA00 3NP53 60-OCA10	1	1 unit	103	6.532 6.551
 3NP54 60-OCA00	630	Flat connector	6 ... 2 × 240 ⁵⁾	3 and 2	3	Without 1 NO + 1 NC	▶ B	3NP54 60-OCA00 3NP54 60-OCA10	1	1 unit	103	7.945 7.958

1) LV HRC fuse links, see Catalog ET B1.

2) For 3NP50 60 with flat connectors, appropriate 3NY1 106 cable lug covers must be used to provide finger-safe cover, according to EN 61140 and EN 50274 (see "Accessories").

3) According to DIN 46234 or 16 mm² ... 95 mm² according to DIN 46235 (use M10 cable lug if necessary).

4) If auxiliary switch is retrofitted, additional drill holes are required on the switch.

5) According to DIN 46234 or DIN 46235; with cable lug to DIN 46235: Min. conductor cross-section 16 mm² (use M12 cable lug if necessary).

3NP, 3NJ4, 3NJ5 Fuse Switch Disconnectors

3NP Fuse Switch Disconnectors up to 630 A

3NP5 for extended technical requirements

For 40 mm busbar system

Rated uninterrupted current I_u	Connection types (on both sides)		For LV HRC fuse links acc. to DIN 43620 ¹⁾	For isolating links	Auxiliary switch on switch disconnectors	DT	Degree of protection IP00, without fuse links, without isolating links, with terminal screws	PU (UNIT, SET, M)	PS*	PG	Weight per PU approx.
	Connection	For conductor cross-section									
A		mm ²									kg

Completely compartmentalized, with high speed closing features²⁾

Busbars with a width of 12 mm and thickness of 5 mm or 10 mm

160	Flat connector	2.5 ... 150 ³⁾ Connection at bottom	00 and 000	Without	C 1 NO + 1 NC B		3NP50 65-1CF00	1	1 unit	103	2.380
							3NP50 65-1CF10	1	1 unit	103	2.370
	Terminal clamp	1 conductor 2.5 ... 50 or 2 conductors 1 × 2.5 ... 50 1 × 2.5 ... 35 Connection at bottom	00 and 000	Without	B 1 NO + 1 NC B		3NP50 65-1CG00	1	1 unit	103	2.433
							3NP50 65-1CG10	1	1 unit	103	2.437

¹⁾ For LV HRC fuse links, see Catalog ET B1.

²⁾ For accessories and more devices on busbar systems, see "Accessories".

³⁾ According to DIN 46234 or 16 mm² ... 95 mm² according to DIN 46235 (use M cable lug if necessary).

For 60 mm busbar system

Note:

For switch versions "For installation in any distribution board" and busbar adapters see page 17/92.

3NP, 3NJ4, 3NJ5 Fuse Switch Disconnectors

3NP Fuse Switch Disconnectors up to 630 A

3NP5 for extended technical requirements
with fuse monitoring

Selection and ordering data

With fuse monitoring by SIRIUS motor starter protectors/circuit breakers

Surface mounting and installation

Rated uninter- rupted current I_u	Connection types (on both sides)		For LV HRC fuse links acc. to DIN 43620 ¹⁾	Auxiliary switch		DT	Degree of protection IP00, without fuse links, without isolating links, with terminal screws	PU (UNIT, SET, M)	PS*	PG	Weight per PU approx.
	Con- nection	For conduc- tor cross- section		On switch discon- nector	On MSP/ circuit breaker						
A		mm ²	Size	Version	Version		Order No.	Price per PU			kg

Completely compartmentalized, with high speed closing features with fuse monitoring by SIRIUS motor starter protector

With plug-in connection of the auxiliary switch connecting cable (length approx. 1 m) to the circuit breaker

160	Flat con- nector ²⁾	2.5 ... 150 ³⁾	00 and 000	1 NO +	1 NO +	▶	3NP50 60-0EA86			103	2.484
				1 NC	1 NC						B
250	Terminal clamp	1 conductor 2.5 ... 50	00 and 000	1 NO +	1 NO +	B	3NP50 60-0EB86			103	2.616
				1 NC	1 NC						B
	2 conductors 1 × 2.5 ... 50 1 × 2.5 ... 35	1 and 0	1 NO +	1 NO +	B	3NP52 60-0EA86				103	6.014
											1 NC
400	Flat connector	6 ... 150 ⁴⁾	1 and 0	1 NO +	1 NO +	▶	3NP52 60-0EA86			103	7.095
				1 NC	1 NC						B
	Terminal clamp	35 ... 120	1 and 0	1 NO +	1 NO +	B	3NP52 60-0EB86			103	7.095
											1 NC
630	Flat connector	6 ... 2 × 240 ⁴⁾	2 and 1	1 NO +	1 NO +	▶	3NP53 60-0EA86			103	7.083
				1 NC	1 NC						B
630	Flat connector	6 ... 2 × 240 ⁴⁾	3 and 2	1 NO +	1 NO +	▶	3NP54 60-0EA86			103	8.462
				1 NC	1 NC						B



3NP52 60-0EA86



3NP53 60-0EA86



3NP54 60-0EA86

¹⁾ For LV HRC fuse links, see [Catalog ET B1](#).

²⁾ For 3NP50 60 with flat connectors, appropriate 3NY1 106 cable lug covers must be used to provide finger-safe cover, according to DIN VDE 0106 Part 100 (see ["Accessories"](#)).

³⁾ According to DIN 46234 or 16 mm² ... 95 mm² according to DIN 46235 (use M10 cable lug if necessary).

⁴⁾ According to DIN 46234 or DIN 46235; with cable lug to DIN 46235: min. conductor cross-section 16 mm² (use M12 cable lug if necessary).

3NP, 3NJ4, 3NJ5 Fuse Switch Disconnectors

3NP Fuse Switch Disconnectors up to 630 A

3NP5 for extended technical requirements with fuse monitoring

For 40 mm busbar system

Rated uninterrupted current I_u	Connection types (on both sides)		For LV HRC fuse links acc. to DIN 43620 ¹⁾	Auxiliary switch		DT	Degree of protection IP00, without fuse links, without isolating links, with terminal screws	PU (UNIT, SET, M)	PS*	PG	Weight per PU approx.
	Conne- ction	For con- ductor cross- section		On switch discon- nector	On MSP/ circuit breaker						
A		mm ²	Size	Version	Version		Order No.	Price per PU			kg

Completely compartmentalized, with high speed closing feature with fuse monitoring by SIRIUS motor starter protector²⁾

Busbars with a width of 12 mm and thickness of 5 mm or 10 mm												
160	Flat connector	2.5 ... 150 ³⁾ Connection at bottom	00 and 000	1 NO +	1 NO +	A	3NP50 65-1EF86		1	1 unit	103	2.908
				1 NC	1 NC	B	3NP50 65-1EF26		1	1 unit	103	2.950
	Terminal clamp	1 conductor 2.5 ... 50 2 conductor 1× 2.5 ... 50 1× 2.5 ... 35 Connection at bottom	00 and 000	1 NO +	1 NO +	B	3NP50 65-1EG86		1	1 unit	103	3.020
				1 NC	1 NC	C	3NP50 65-1EG26		1	1 unit	103	2.973

¹⁾ LV HRC fuse links, see Catalog ET B1.

²⁾ For accessories and more devices on busbar systems, see "Accessories" and "SIVACON Power Distribution Boards, Busway and Cubicle Systems", -> "Components for 8US, 8UC, 4NC Distribution Systems" -> "8US busbar systems".

³⁾ According to DIN 46234 or 16 mm² ... 95 mm² according to DIN 46235 (use M10 cable lug if necessary).

For 60 mm busbar system

Note:

For switch versions "For installation in any distribution board" and busbar adapters see page 17/92.

3NP, 3NJ4, 3NJ5 Fuse Switch Disconnectors

3NP Fuse Switch Disconnectors up to 630 A

3NP5 for extended technical requirements
with fuse monitoring

With fuse monitoring by electronic fuse monitoring device

Surface mounting and installation

Rated uninter- rupted current I_u	Connection types (on both sides)		For LV HRC fuse links acc. to DIN 43620 ¹⁾	Auxiliary switch		DT	Degree of protection IP00, without fuse links, without isolating links, with terminal screws	PU (UNIT, SET, M)	PS*	PG	Weight per PU approx.
	Con- nection	For con- ductor cross- section		On switch discon- nector	On fuse monitor						
A		mm ²	Size	Version	Version		Order No.	Price per PU			kg

Completely compartmentalized, with high speed closing feature,
with electronic fuse monitoring (self-powered), open-circuit principle

For rated operational voltages U_e from 400 V to 500 V AC,
infeed must come from above!

With plug-in connection for connecting cables from auxiliary switches
(approx. 1 m long) to the fuse monitoring device, status indicator:
green LED illuminated, fault indication: green LED flashing, fuse
failure: red LED (display per phase)



3NP50 60-0HA13

160	Flat con- nector ²⁾	2.5 ... 120 ³⁾	00 and 000	1 NO + 1 NC	2 NO + 1 NC	B	3NP50 60-0HA13		1	1 unit	103	2.375
	Terminal clamp	1 con- ductor: 2.5 ... 50 2 con- ductors: 1x 2.5 ... 50 1x 2.5 ... 35	00 and 000	1 NO + 1 NC	2 NO + 1 NC	B	3NP50 60-0HB13		1	1 unit	103	2.500



3NP52 60-0HA13

250	Flat connector	6 ... 150 ⁴⁾	1 and 0	1 NO + 1 NC	2 NO + 1 NC	B	3NP52 60-0HA13		1	1 unit	103	5.865
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3NP53 60-0HA13

400	Flat connector	6 ... 240 ⁴⁾	2 and 1	1 NO + 1 NC	2 NO + 1 NC	B	3NP53 60-0HA13		1	1 unit	103	6.951
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3NP54 60-0HA13

630	Flat connector	6 ... 240 ⁴⁾	3 and 2	1 NO + 1 NC	2 NO + 1 NC	B	3NP54 60-0HA13		1	1 unit	103	8.513
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¹⁾ For LV HRC fuse links, see Catalog ET B1.

²⁾ For 3NP50 60 with flat connectors, appropriate 3NY1 106 cable lug covers must be used to provide finger-safe cover, according to EN 61140 and EN 50274 (see "Accessories").

³⁾ According to DIN 46234 or 16 mm² ... 95 mm² according to DIN 46235 (use M10 cable lug if necessary).

⁴⁾ According to DIN 46234 or DIN 46235; with cable lug to DIN 46235: min. conductor cross-section 16 mm² (use M12 cable lug if necessary).

3NP, 3NJ4, 3NJ5 Fuse Switch Disconnectors

3NP Fuse Switch Disconnectors up to 630 A

**3NP5 for extended technical requirements
with fuse monitoring**

For 40 mm busbar system

Rated uninter- rupted current I_u	Connection types (on both sides)		For LV HRC fuse links acc. to DIN 43620 ¹⁾	Auxiliary switch		DT	Degree of protection IP00, without fuse links, without isolating links, with terminal screws	PU (UNIT, SET, M)	PS*	PG	Weight per PU approx.
	Con- nection	For con- ductor cross- section		On switch discon- nector	On the fuse monitor						
A		mm ²	Size	Version	Ver- sion		Order No.	Price per PU			kg

**Completely compartmentalized, with high speed closing features,
with electronic fuse monitoring (self-powered), open-circuit principle**

**For rated operational voltages U_e from 400 V to 500 V AC, infeed
must come from above!**

Busbars with a width of 12 mm and thickness of 5 mm or 10 mm



3NP50 65-1HF13

160	Flat con- nector	2.5 ... 120 ²⁾	00 and 000	1 NO + 1 NC	2 NO + 1 NC	B	3NP50 65-1HF13		1	1 unit	103	2.776
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¹⁾ For LV HRC fuse links, see Catalog ET B1.

²⁾ According to DIN 46234 or 16 mm² ... 95 mm² according to DIN 46235
(use M10 cable lug if necessary).

For 60 mm busbar system

Note:

For switch versions "For installation in any distribution board" and
busbar adapters see page 17/92.

3NP, 3NJ4, 3NJ5 Fuse Switch Disconnectors

3NP Fuse Switch Disconnectors up to 630 A

3NP5 for extended technical requirements
Accessories

Selection and ordering data

	For fuse switch disconnectors	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*	PG	Weight per PU approx. kg		
Fuse carriers										
	3NP50 6-.C..0	B	3NY1 074			1	1 unit	103	0.620	
	3NP52 60-.C..0	B	3NY1 371			1	1 unit	103	0.263	
	3NP53 60-.C..0	B	3NY1 372			1	1 unit	103	1.510	
	3NP54 60-.C..0	B	3NY1 373			1	1 unit	103	1.690	
	With fuse monitoring by 3RV1 motor starter protectors (with auxiliary switch 1 NO + 1 NC), with plug-in connection, without connector and connecting cable	3NP50 6-.E..6 3NP52 60-.E..6 3NP53 60-.E..6 3NP54 60-.E..6	B B B B	3NY1 420 3NY1 421 3NY1 422 3NY1 423			1 1 1 1	1 unit 1 unit 1 unit 1 unit	103 103 103 103	1.405 1.900 1.980 2.600
Plugs and connecting cables										
1 m long	3NP5 with 3RV1	B	3NY1 910			1	1 unit	103	0.097	
3 m long		B	3NY1 911			1	1 unit	103	0.261	
	With electronic fuse monitoring for 400 V ... 500 V (with auxiliary switch 2 NO + 1 NC), with plug-in connection, without connector and connecting cable	3NP50 6-.H.13 3NP52 60-.H.13 3NP53 60-.H.13 3NP54 60-.H.13	B C B C	3NY1 513-0 3NY1 513-2 3NY1 513-3 3NY1 513-4		1 1 1 1	1 unit 1 unit 1 unit 1 unit	103 103 103 103	1.235 2.130 2.146 0.325	
	Plugs and connecting cables (6-pole)									
	3 m long	3NP5 with EFM	B	3NY1 915			1	1 unit	103	0.372
	Auxiliary switches 1 NO + 1 NC									
	With actuating cams, screws and washers (mounting kit)	3NP50 ¹⁾	B	3NY3 033		1	1 unit	103	0.015	
	With fixing bracket and screws (mounting kit)	3NP52 ... 3NP54	B	3NY3 034		1	1 unit	103	0.015	
	Arc chutes									
	(3 units each are required for 3NP52, 3NP53 and 3NP54)	3NP50 3NP52 3NP53, 3NP54	B B B	3NY4 031 3NY4 011 3NY4 012		1 1 1	1 unit 1 unit 1 unit	103 103 103	0.218 0.215 0.240	
	Molded-plastic masking frames									
	As replacement for masking frames from assembly kits for installation (without fixing brackets and small parts)	300 × 220 mm 300 × 245 mm 300 × 290 mm	3NY1 210 3NY1 211 3NY1 212	A A A	3NY1 102 3NY1 103 3NY1 104	1 1 1	1 unit 1 unit 1 unit	103 103 103	0.071 0.075 0.084	

¹⁾ If retrofitted, drill holes required.

3NP, 3NJ4, 3NJ5 Fuse Switch Disconnectors

3NP Fuse Switch Disconnectors up to 630 A

3NP5 for extended technical requirements
Accessories

SITOR fuses for 3NP5 fuse switch disconnectors: assignment table

For switch disconnectors			SITOR fuses				DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*	PG	Weight per PU approx. kg	
Type	Permissible load current ¹⁾	Required conductor cross-section Cu	Size	Operational class	Rated current	Rated voltage ²⁾								
	A	mm ²			A	V								
SITOR 3NE1 fuses for 3NP5														
3NP50	16	1.5	000	gR/gS	16	690	▶	3NE1 813-0		1	3 units	047	0.127	
	20	2.5	000	gR/gS	20	690	▶	3NE1 814-0		1	3 units	047	0.128	
	25	4	000	gR/gS	25	690	▶	3NE1 815-0		1	3 units	047	0.127	
	35	6	000	gR/gS	35	690	▶	3NE1 803-0		1	3 units	047	0.128	
	40	10	000	gR/gS	40	690	▶	3NE1 802-0		1	3 units	047	0.127	
	50	10	000	gR/gS	50	690	▶	3NE1 817-0		1	3 units	047	0.128	
	63	16	000	gR/gS	63	690	▶	3NE1 818-0		1	3 units	047	0.128	
	80	25	000	gR/gS	80	690	▶	3NE1 820-0		1	3 units	047	0.129	
	100	35	00	gR/gS	100	690	▶	3NE1 021-0		1	3 units	047	0.202	
	125	50	00	gRgS	125	690	▶	3NE1 022-0		1	3 units	047	0.202	
	125	50	00	gR	125	690	A	3NE1 022-2		1	3 units	047	0.203	
	3NP52	160	70	1	gR/gS	160	690	▶	3NE1 224-0		1	3 units	047	0.580
160		70	1	gR	160	690	A	3NE1 224-2		1	3 units	047	0.613	
200		95	1	gR/gS	200	690	▶	3NE1 225-0		1	3 units	047	0.582	
200		95	1	gR	200	690	A	3NE1 225-2		1	3 units	047	0.612	
250		120	1	gR/gS	250	690	▶	3NE1 227-0		1	3 units	047	0.580	
250		120	1	gR	250	690	A	3NE1 227-2		1	3 units	047	0.626	
3NP53	315	2 × 70	2	gR/gS	315	690	A	3NE1 230-0		1	3 units	047	0.581	
	315	2 × 70	2	gR	315	690	A	3NE1 230-2		1	3 units	047	0.615	
	350	2 × 95	2	gR/gS	350	690	▶	3NE1 331-0		1	3 units	047	0.766	
	350	2 × 95	2	gR	350	690	A	3NE1 331-2		1	3 units	047	0.754	
	400	2 × 95	2	gR/gS	400	690	▶	3NE1 332-0		1	3 units	047	0.743	
3NP54	450	2 × 120	2	gR/gS	450	690	A	3NE1 333-0		1	3 units	047	0.760	
	450	2 × 120	2	gR	450	690	A	3NE1 333-2		1	3 units	047	0.768	
	500	2 × 120	2	gR/gS	500	690	A	3NE1 334-0		1	3 units	047	0.766	
	560	2 × 150	3	gR/gS	560	690	A	3NE1 435-0		1	3 units	047	1.111	
	560	2 × 150	3	gR	560	690	A	3NE1 435-2		1	3 units	047	1.149	
	630	2 × 185	3	gR/gS	630	690	A	3NE1 436-0		1	3 units	047	1.114	
	625	2 × 185	3	gR	630	690	A	3NE1 436-2		1	3 units	047	1.179	
	710	2 × (40 × 5)	3	gR/gS	710	690	A	3NE1 437-0		1	3 units	047	1.117	
	690	2 × (40 × 5)	3	gR	690	600	D	3NE1 437-1		1	3 units	047	1.120	
	685	2 × (40 × 5)	3	gR	710	600	B	3NE1 437-2		1	3 units	047	1.153	
	800	2 × (50 × 5)	3	gR/gS	800	690	A	3NE1 438-0		1	3 units	047	1.124	
	750	2 × (50 × 5)	3	gR	750	600	B	3NE1 438-1		1	3 units	047	1.113	
	720	2 × (50 × 5)	3	gR	800	600	A	3NE1 438-2		1	3 units	047	1.184	
	655	2 × (40 × 5)	3	gR	670	690	A	3NE1 447-2		1	3 units	047	1.170	
	820	2 × (40 × 8)	3	gR	850	690	A	3NE1 438-2		1	3 units	047	1.184	
	SITOR 3NE3 ... 3NE8, 3NC2 to 3NC8 fuses for 3NP5													
3NP50	25	4	00	gR	25	690	▶	3NE8 015-1		1	3 units	047	0.205	
	33	6	00	gR	35	690	▶	3NE8 003-1		1	3 units	047	0.204	
	45	10	00	gR	50	690	▶	3NE8 017-1		1	3 units	047	0.203	
	54	16	00	gR	63	690	▶	3NE8 018-1		1	3 units	047	0.205	
	68	25	00	aR	80	690	▶	3NE8 020-1		1	3 units	047	0.203	
	89	35	00	aR	100	690	▶	3NE8 021-1		1	3 units	047	0.205	
	106	50	00	aR	125	690	▶	3NE8 022-1		1	3 units	047	0.213	
	130	70	00	aR	160	690	▶	3NE8 024-1		1	3 units	047	0.207	
	3NP52 ³⁾	32	6	0	gR	32	1000	▶	3NE4 101		1	3 units	047	0.278
		40	10	0	gR	40	1000	▶	3NE4 102		1	3 units	047	0.277
50		10	0	gR	50	1000	▶	3NE4 117		1	3 units	047	0.276	
63		16	0	gR	63	1000	▶	3NE4 118		1	3 units	047	0.279	
80		25	0	aR	80	1000	▶	3NE4 120		1	3 units	047	0.276	
95		35	0	aR	100	1000	▶	3NE4 121		1	3 units	047	0.278	
120		50	0	aR	125	1000	▶	3NE4 122		1	3 units	047	0.279	
150		70	0	aR	160	1000	▶	3NE4 124		1	3 units	047	0.279	
3NP53		100	35	1	aR	100	1000	A	3NE3 221		1	3 units	047	0.580
		120	50	1	aR	125	1000	A	3NE3 222		1	3 units	047	0.568
	150	70	1	aR	160	1000	▶	3NE3 224		1	3 units	047	0.573	
	190	95	1	aR	200	1000	▶	3NE3 225		1	3 units	047	0.570	
	230	120	1	aR	250	1000	▶	3NE3 227		1	3 units	047	0.580	
	285	185	1	aR	315	1000	▶	3NE3 230-0B		1	3 units	047	0.585	
	310	240	1	aR	350	1000	A	3NE3 231		1	3 units	047	0.590	
	330	240	1	aR	400	1000	A	3NE3 232-0B		1	3 units	047	0.576	
	360	2 × 150	1	aR	450	1000	▶	3NE3 233		1	3 units	047	0.720	
	210	120	2	aR	250	800	▶	3NE4 327-0B		1	3 units	047	0.753	
	270	240	2	aR	315	800	▶	3NE4 330-0B		1	3 units	047	0.760	
	400	2 × (30 × 5)	2	aR	450	800	▶	3NE4 333-0B		1	3 units	047	0.760	

¹⁾ In the case of cyclic loads, the currents may have to be reduced again (precise values on request).

²⁾ When maintaining overvoltage category 2 (instead of 3) and degree of pollution 2 (instead of 3) to EN 60947-1, the rated insulation voltage of the 3NP fuse switch disconnector is also $U_i = 1000$ V.

³⁾ Due to the mechanical stress on the relatively long fuse blades, SITOR 3NE41 fuses should be switchable only occasionally and only at zero current.

3NP, 3NJ4, 3NJ5 Fuse Switch Disconnectors

3NP Fuse Switch Disconnectors up to 630 A

3NP5 for extended technical requirements
Accessories

For switch disconnectors			SITOR fuses				DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*	PG	Weight per PU approx.
Type	Permissible load current ¹⁾	Required conductor cross-section Cu	Size	Operational class	Rated current	Rated voltage ²⁾							
	A	mm ²			A	V							kg
3NP54	360	240	2	aR	400	1000	A	3NE3 332-0B		1	3 units	047	0.759
	400	2 x 150	2	aR	450	1000	A	3NE3 333		1	3 units	047	0.748
	450	2 x 150	2	aR	500	1000	▶	3NE3 334-0B		1	3 units	047	0.753
	510	2 x 185	2	aR	560	1000	▶	3NE3 335		1	3 units	047	0.756
	580	2 x 185	2	aR	630	1000	▶	3NE3 336		1	3 units	047	0.760
	630	2 x 200	2	aR	710	900	▶	3NE3 337-8		1	3 units	047	0.762
	630	2 x 200	2	aR	800	800	▶	3NE3 338-8		1	3 units	047	0.764
	630	2 x 200	2	aR	900	690	▶	3NE3 340-8		1	3 units	047	0.753
	450	2 x (30 x 5)	2	aR	500	800	▶	3NE4 334-0B		1	3 units	047	0.754
	600	2 x (40 x 5)	2	aR	710	800	▶	3NE4 337		1	3 units	047	0.771
	145	70	3	gR	150	500	B	3NC2 423-3C		1	3 units	047	0.940
	180	95	3	gR	200	500	B	3NC2 425-3		1	3 units	047	1.057
	225	120	3	gR	250	500	B	3NC2 427-3		1	3 units	047	1.066
	255	185	3	gR	300	500	B	3NC2 428-3		1	3 units	047	1.078
	330	240	3	gR	350	500	B	3NC2 431-3C		1	3 units	047	0.940
	400	240	3	gR	400	500	B	3NC2 432-3C		1	3 units	047	0.940
	135	70	3	gR	150	660	B	3NC8 423-3		1	3 units	047	1.062
	180	95	3	gR	200	660	B	3NC8 425-3		1	3 units	047	1.063
	225	120	3	gR	250	660	B	3NC8 427-3		1	3 units	047	1.069
	300	240	3	gR	350	660	B	3NC8 431-3		1	3 units	047	1.072
	425	2 x 150	3	gR	500	660	B	3NC8 434-3		1	3 units	047	1.069
	800	3 x (60 x 6)	3	aR	1000	600	C	3NC8 444-3		1	3 units	047	1.085

¹⁾ In the case of cyclic loads, the currents may have to be reduced again (precise values on request).

²⁾ When maintaining overvoltage category 2 (instead of 3) and degree of pollution 2 (instead of 3) to EN 60947-1, the rated insulation voltage of the 3NP fuse switch disconnector is also $U_i = 1000$ V.

³⁾ Due to the mechanical stress on the relatively long fuse blades, SITOR 3NE41 fuses should be switchable only occasionally and only at zero current.







For technical specifications and dimensional drawings of the SITOR fuses see [Catalog ET B1](#).

3NP, 3NJ4, 3NJ5 Fuse Switch Disconnectors

3NP Fuse Switch Disconnectors up to 630 A

3NP5 for extended technical requirements
Assembly kits for distribution boards

Selection and ordering data

	For fuse switch disconnectors	Dimensions mm	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*	PG	Weight per PU approx. kg	
For installation in any distribution board										
Molded-plastic masking frames										
		Height × Width								
	For installation in the cabinet	3NP50 with and without auxiliary switch	215 × 135	A	3NY1 105		1	1 unit	103	0.045
		With auxiliary switch	215 × 135	A	3NY1 115		1	1 unit	103	0.044
	For installation in metal front plates	With and without auxiliary switch	220 × 160	A	3NY1 125		1	1 unit	103	0.062
	For covering the connection terminals	3NP50 with and without auxiliary switch	265 × 135	A	3NY1 107		1	1 unit	103	0.073
3NY1 107										
	For covering the cable lug connections	3NP50 with and without auxiliary switch	290 × 135	A	3NY1 106		1	1 unit	103	0.071
3NY1 106										
	For separate covering of the upper and lower cable lug connections	With auxiliary switch	290 × 135	A	3NY1 116		1	1 unit	103	0.071
		3NP50 with and without auxiliary switch	290 × 135	A	3NY1 108		1	1 unit	103	0.048
	Assembly kits for flush mounting									
	With molded-plastic masking frame, fixing brackets and small parts. For disconnectors with and without auxiliary switches	3NP50 60	250 × 149	B	3NY1 208		1	1 unit	103	0.531
		3NP52 60	300 × 220	B	3NY1 210		1	1 unit	103	0.287
		3NP53 60	300 × 245	B	3NY1 211		1	1 unit	103	0.298
		3NP54 60	300 × 290	B	3NY1 212		1	1 unit	103	0.313
3NY1 212										
	Covers for cable lug connections									
	(1 set = 6 units) can be screwed onto free screw end to protect against accidental touch	3NP52	Cover length 99	A	3NY1 241		1	1 unit	103	0.205
		3NP53/3NP54	95	B	3TX6 546-3B		1	1 unit	101	0.260
			120	B	3NY1 245		1	1 unit	103	0.336
3TX6 546-3B										
	Clamp terminals									
	(1 set = 3 units)		Conductor cross-section							
		3NP50	2.5 ... 50 mm ² 1)	B	3NY1 903		1	1 unit	103	0.108
		3NP52	35 ... 120 mm ²	B	3NY1 907		1	1 unit	103	0.225
3NY1 907										
	Busbar adapters									
	For 60 mm busbar system	3NP50	Busbar width 108	A	8US12 91-4SB00		1	1 unit	143	0.551
		3NP52, 3NP53, 3NP54 ²⁾	250 (length 320 mm, M10 terminal screws, connecting cables must be manufactured)	A	8US12 10-4AG00		1	1 unit	143	3.060
8US12 10-4AG00										
	Sealing lugs	3NP50		B	3NY1 940		1	1 unit	103	0.010
	Retrofittable (1 pack = 10 units)									

¹⁾ Also available in 2-wire version: 1 × 2.5 mm² ... 50 mm² and 1 × 2.5 mm² ... 35 mm².

²⁾ Disconnector is wider than adapter. The adapter can, however, be expanded to 276 mm with two 8US19 98-2BM00 side modules.