



# | Geared to act *FAST!*

## Siemens range of fuses

Fuses are the fastest & simplest current limiting devices, suitable for protection of lines, systems, devices in both distribution & control circuits.

Available in varied design - with a wide current range, multiple voltage ratings and high short circuit strength. Our fuses are perfectly equipped to minimize the effect of over currents, thus allowing you to protect property as well as lives.

Siemens Fuses offer:

- High switching capacity
- Compact Design
- Low Watt Losses

With Siemens fuses - protection is Easy, Safe and Reliable

[www.siemens.com/fuses](http://www.siemens.com/fuses)

**SIEMENS**

# HRC fuses (DIN) 3NA

- High Breaking capacity of 120kA
- Dual indication for fault detection
- CE marked
- Highly compact: upto 100A in size 000



## Upto 800A, 500V AC, S.C. breaking capacity 120kA

Size	Rated current (A)	Type	Std. pkg.** (nos.)
000	2	3NA78020RC	1/6
	4	3NA78040RC	1/6
	6	3NA78010RC	1/6
	10	3NA78030RC	1/6
	16	3NA78050RC	1/6
	20	3NA78070RC	1/6
	25	3NA78100RC	1/6
	32	3NA78120RC	1/6
	40	3NA78170RC	1/6
	50	3NA78200RC	1/6
	63	3NA78220RC	1/6
	80	3NA78240RC	1/6
	100	3NA78300RC	1/6
00	125	3NA78320RC	1/6
	160	3NA78360RC	1/6
	50	3NA71200RC	1/3
1	63	3NA71220RC	1/3
	80	3NA71240RC	1/3
	100	3NA71300RC	1/3
	125	3NA71320RC	1/3
	160	3NA71360RC	1/3
2	200	3NA71400RC	1/3
	224	3NA71420RC	1/3
	250	3NA71440RC	1/3
	200	3NA72400RC	1/3
	250	3NA72440RC	1/3
3	315	3NA72520RC	1/3
	400*	3NA72600RC	1/3
	315	3NA33520RC	1/3
3	400	3NA33600RC	1/3
	500	3NA33650RC	1/3
	630	3NA33720RC	1/3
	800*	3NA33754RC	1/3

\* 400A (Size II) and 800A are rated at 415V AC

## 690V AC, S.C. breaking capacity 120kA

Size	Rated current (A)	Type	Std. pkg.** (nos.)
00	40	3NA78176RC	1/6
	50	3NA78206RC	1/6
	63	3NA78226RC	1/6
	80	3NA78246RC	1/6
1	100	3NA78306RC	1/6
	125	3NA71326RC	1/3
	160	3NA71366RC	1/3
2	200	3NA71406RC	1/3
	250	3NA72446RC	1/3
3	315	3NA72526RC	1/3
	400	3NA33606RC	1/3
	500	3NA33656RC	1/3

## Isolating links (DIN)

Size	Rated current (A)	Type	Std. pkg.** (nos.)
00	160	3NG1000	1
1	250	3NG1250	1
2	400	3NG1300	1
3	630	3NG1400	1



## Fuse bases (DIN)

Size	Rated current (A)	Suitable for fuse link type	Type	Std. pkg.** (nos.)
00/000	160	3NA7 8	3NH3030-ORC (Screw-in)	1/10
00/000	160	3NA7 8	3NH3032-ORC (Plug in)	1/10
1	250	3NA7 1	3NH3230-ORC	1/5
2	400	3NA7 2	3NH3330-ORC	1/5
3	630	3NA3 3	3NH3430-ORC	1/5
3	800	3NA3 3	3NH3430-4RC	1/5



## Fuse puller

Description	Type	Std. pkg.** (nos.)
Suitable for 3KL8 and all sizes of fuse links/isolating links	3NX1011	1
Suitable only for fuse links and isolating links	3NX1010	1



## LV HRC contact covers

Size	Type	Std. pkg.** (nos.)
00/000	3NX3115	1/10
00/000	3NX3116	1/10



Note: Prices on request for Touch protection of contact pieces of all sizes

## Fuse & Fuse base for 1000A/1250A (IEC design)

Size	Rating	Type	Std. pkg.** (nos.)
4	1000A	3NA3480	1/1
4	1250A	3NA3482	1/1
4	1250A	3NH3530 Fuse base	1/1



## 690V AC, S.C. breaking capacity 120kA

Size	Rated current (A)	Type
000	2A	3NA78026
	4A	3NA78046
	6A	3NA78016
	10A	3NA78036
	16A	3NA78056
	20A	3NA78076
	25A	3NA78106
	32A	3NA78126
	35A	3NA78146

\*\* Purchase MOQ for our authorised dealers is in multiples of standard packing, please contact your nearest Siemens Sales Office for further details  
POR: Price On Request

■ Stock items      \* LP - List Price      ® MRP - Max. Retail Price



# SENTRON 3NA COM LV HRC fuse link – safety through transparency

Optimize the operation of your plants with consistent data that's constantly available when and where you need it – whether in the cloud using higher-level analysis tools, via a PC using the SENTRON power manager power monitoring software, or directly at the plant via a mobile device using the SENTRON power config mobile app.

In the event of a fault, detecting and locating power failures are time-consuming and costly. Smart local grids are only as smart as their individual components. The measurement and communication-capable 3NA COM LV HRC fuse link makes transformer substations smart and enables them to be integrated in digital systems.

Communication Capable Fuse Link offers:

- Transparency for the local grid transformer station
- Easy retrofit
- Powerful interface for digitalization
- Sustainable and robust design

With Siemens fuses - protection is Easy, Safe and Reliable

[www.siemens.com/fuses](http://www.siemens.com/fuses)

**SIEMENS**

# HRC fuses (BS) 3NW

- 2A-800A
- Rated at 415V AC/240V DC
- Breaking capacity 80kA (AC)



## Blade tag

Rated current A	Type
2	■ 3NWN52
4	■ 3NWN54
6	■ 3NWN56
10	■ 3NWN510
16	■ 3NWN516
20	■ 3NWN520
25	■ 3NWN525
32	3NWN532

Std. pkg.** (nos.)
20
20
20
20
20
20
20
20
20

## Offset tag

Rated current A	Type
6	3NWTSA6
10	3NWTSA10
16	3NWTSA16
20	3NWTSA20
25	3NWTSA25
32	3NWTSA32
36	3NWTSS36
40	3NWTSS40
50	3NWTSS50
63	3NWTSS63
80	3NWTSDS80
100	3NWTSDS100
125	3NWTSP125
160	3NWTSP160
200	3NWTSP200

Std. pkg.** (nos.)
20
20
20
20
20
20
20
20
20
20
20
20
5
5
5

## Offset tag

Rated current A	Type
2	3NWTIA2
4	3NWTIA4
6	3NWTIA6
10	■ 3NWTIA10
16	■ 3NWTIA16
20	■ 3NWTIA20
25	■ 3NWTIA25
32	■ 3NWTIA32
40	3NWTIS40
50	■ 3NWTIS50
63	■ 3NWTIS63
80	3NWTCP80
100	■ 3NWTCP100
125	3NWTFP125
160	3NWTFP160
200	3NWTFP200

Std. pkg.** (nos.)
20
20
20
20
20
20
20
20
20
20
20
20
10
10
5
5
5

## Central tag

Rated current A	Type
80	3NWTSDC80
100	3NWTSDC100
125	3NWTSF125
160	3NWTSF160
200	3NWTSF200
250	3NWTSK250
315	3NWTSK315
355	3NWTSM355
400	3NWTSM400
450	3NWTST450
500	3NWTST500
560	3NWTSL560
630	3NWTSL630
800	3NWTSL800

Std. pkg.** (nos.)
10
10
5
5
5
1
1
1
1
1
1
1
1
1
1
1

## Central tag

Rated current A	Type
80	3NWT80
100	3NWT100
125	3NWT125
160	3NWT160
200	3NWT200
250	3NWT250
315	3NWT315
355	3NWT355
400	3NWT400
500	3NWT500
630	3NWT630
710	3NWT710
800	3NWT800

Std. pkg.** (nos.)
10
10
5
5
5
1
1
1
1
1
1
1
1
1
1

## Fuse holders (for fuses type 3NW TIA, TSA, TIS, TSS, TSDS)

Rated current A	Type
32	3NWC32F9
63	3NWC63F9
100	3NWC100F9

Std. pkg.** (nos.)
10
10
10

## Fuse holders (for fuses Type 3NW NS) & Isolating link

Rated current A	Type
20	■ 3NW20NSF
32	■ 3NW32NSF
32A (Iso. Link)	■ 3NW32NSL

Std. pkg.** (nos.)
10
10
10

\*\* Purchase MOQ for our authorised dealers is in multiples of standard packing, please contact your nearest Siemens Sales Office for further details

■ Stock items

\* MRP - Maximum Retail Price

Please order in multiples of standard packing.

# Fuses for semiconductor protection - SITOR 3NE / 3NC

- Current Range upto 2400A
- Operating voltage: 500V - 2500V AC
- Suitable for mounting in fuse base / SDF / busbars

## 3NE4 type

Rated voltage V	Rated current (A)	Type	Utilization category	DIN size
1000	32	3NE4101	gR	1
	40	3NE4102	gR	1
	50	3NE4117	gR	1
	80	3NE4120	aR	1
	100	3NE4121	aR	1
	125	3NE4122	aR	1
	160	3NE4124	aR	1

Rated voltage V	Rated current (A)	Type	Utilization category	DIN size
800	250	3NE43276	aR	-
	315	3NE43306	aR	-
	450	3NE43336	aR	-
	500	3NE43346	aR	-
	710	3NE43376	aR	-

## 3NE8 type<sup>1)</sup> 690 V AC

NEW

Rated current (A)	Type	Utilization category	Size	U
25	3NE80151	gR	00	
35	3NE80031	gR	00	
50	3NE80171	gR	00	
63	3NE80181	gR	00	
80	3NE80201	aR	00	
100	3NE80211	aR	00	
125	3NE80221	aR	00	
160	3NE80241	aR	00	
200	3NE12252	gR	1	
250	3NE12272	gR	1	
315	3NE12302	gR	1	
350	3NE13312	gR	2	
400	3NE13322	gR	2	
450	3NE13332	gR	2	
500	3NE13342	gR	2	
560	3NE14352	gR	3	
630	3NE14362	gR	3	
670	3NE14472	gR	3	
710	3NE14372	gR	3	
800	3NE14382	gR	3	
850	3NE14482	gR	3	

Note: For current ratings > 1600A ,Operating voltage > 2000V AC please contact your nearest Siemens Sales Office.

<sup>1)</sup> Suitable for mounting on fuse base / 3KL8 / 3NP1

\*\* Purchase MOQ for our authorised dealers is in multiples of standard packing, please contact your nearest Siemens Sales Office for further details

■ Stock items

\* LP - List Price

Please order in multiples of standard packing.



## 3NE9 type 600 V AC

Rated current (A)	Type	Utilization category	Size	Unit LP* ₹	Std. pkg.** (nos.)
850	3NE94406	gR	-	37180.-	3
1250	3NE9450	aR	-	35040.-	3

## 3NE1 type<sup>1)</sup> 690 V AC

Rated current (A)	Type	Utilization category	DIN Size	Std. pkg.** (nos.)
16	3NE18130	gS	000	3
20	3NE18140	gS	000	3
25	3NE18150	gS	000	3
35	3NE18030	gS	000	3
40	3NE18020	gS	000	3
50	3NE18170	gS	000	3
63	3NE18180	gS	000	3
80	3NE18200	gS	000	3
100	3NE10210	gS	00	3
125	3NE10220	gS	00	3
160	3NE12240	gS	1	3
200	3NE12250	gS	1	3
250	3NE12270	gS	1	3
315	3NE12300	gS	1	3
350	3NE13310	gS	2	3
400	3NE13320	gS	2	3
450	3NE13330	gS	2	3
500	3NE13340	gS	2	3
560	3NE14350	gS	3	3
630	3NE14360	gS	3	3
710	3NE14370	gS	3	3
800	3NE14380	gS	3	3

## 3NE8 type 690 V AC / 700V DC

Rated current (A)	Type	Utilization category	Size	Std. pkg.** (nos.)
20	3NE87141	gR	000	10
25	3NE87151	gR	000	10
32	3NE87011	gR	000	10
40	3NE87021	gR	000	10
50	3NE87171	gR	000	10
63	3NE87181	aR	000	10
80	3NE87201	aR	000	10
100	3NE87211	aR	000	10
125	3NE87221	aR	000	10
160	3NE87241	aR	000	10
200	3NE87251	aR	000	10
250	3NE87271	aR	000	10
315	3NE87311	aR	000	10



# Cylindrical Fuses (3NW)

- Rated current 0.5A-100A
- Breaking capacity 100kA
- Operational Class gG and aM



## Cylindrical Fuse, Size 10 x 38

Rated Current (A)	Size	Voltage (V)	Type	
0.5A	10 x 38	500	3NW60001	
1A			3NW60111	
2A			3NW60021	
4A			3NW60041	
6A			3NW60011	
8A			3NW60081	
10A			3NW60031	
12A			3NW60061	
16A			3NW60051	
20A			3NW60071	
25A			3NW60101	
32A			400	3NW60121



## Cylindrical Fuse, Size 14 x 51

Std. pkg.** (nos.)	Rated Current (A)	Size	Voltage (V)	Type	Std. pkg.** (nos.)
1/10	4A	14 x 51	690	3NW61041	1/10
1/10	6A			3NW61011	1/10
1/10	8A			3NW61081	1/10
1/10	10A			3NW61031	1/10
1/10	12A			3NW61061	1/10
1/10	16A			3NW61051	1/10
1/10	20A			3NW61071	1/10
1/10	25A			3NW61101	1/10
1/20	32A			3NW61121	1/10
1/20	40A			500	3NW61171
1/20	50A	3NW61201	1/10		

## Cylindrical Fuse, Size 22 x 58

Rated Current (A)	Size	Voltage (V)	Type	
16A	22 x 58	690	3NW62051	
20A			3NW62071	
25A			3NW62101	
32A			3NW62121	
40A			3NW62171	
50A			3NW62201	
63A			500	3NW62221
80A			3NW62241	
100A			3NW62301	



## Cylindrical Fuse holders

Std. pkg.** (nos.)	No of Poles	Size	Rating (A)	MW	Type	Std. pkg.** (nos.)
1/1	1P	10 x 38	32A	1	3NW7013	1/1
1/1		14 x 51	50A	1.5	3NW7111	1/1
1/1		22 x 58	100A	2	3NW7211	1/1
1/1	1+N	10 x 38	32A	1	3NW7053	1/1
1/1		14 x 51	50A	3	3NW7151	1/1
1/1		22 x 58	100A	4	3NW7251	1/1
1/1	2P	10 x 38	32A	2	3NW7023	1/1
1/1		14 x 51	50A	3	3NW7121	1/1
1/1		22 x 58	100A	4	3NW7221	1/1
1/1	3P	10 x 38	32A	3	3NW7033	1/1
1/1		14 x 51	50A	4.5	3NW7131	1/1
1/1		22 x 58	100A	6	3NW7231	1/1



\* LP - List Price

Note: Prices for 1+N and 3+N Fuse holder on request

### Fuse Systems Available

1. Fuses for Photovoltaic application (DC 1000V / 1500V)
  2. NEOZED Fuses & Busbar system up to 100A
  3. Diazed fuse systems up to 63A
  4. Class CC UL fuse links up to 30A
- For more details please contact your nearest Siemens Sales Office.



### Fuses for Special Applications

1. Rectifiers in Electrolysis system
  2. SITOR 8QG 10/11 thyristor sets
  3. Mounting in railway supply rectifier
- For more details please contact your nearest Siemens Sales Office.

