

## TABLE OF CONTENTS



### MINIATURE

Mini fuses in five sizes to 20 Amps.

- Slow Blow
- Medium Blow
- Fast Blow
- Super Fast Blow

Fuses **4-5**



### DIAZED

"Bottle" fuses in five sizes to 200 Amps.

- gL/gG - Slow Blow
- Fast Blow
- gR - Semiconductor Protection

Fuses **6-7**  
Accessories **10-11**



### NEOZED

Compact fuses in three sizes to 100 Amps.

- gL/gG - Slow Blow
- gR - Semiconductor Protection

Fuses **8-9**  
Accessories **10-11**



### CYLINDER

Standard cylinder fuses are available in four sizes to 125 Amps, with or without blown fuse Indicator Pins.

- gL/gF - Line Protection
- aM - Motor Protection
- gR - Semiconductor Protection

Cylinder Bolt fuses are available in two diameters with multiple fixing centers.

- gR - Semiconductor Protection

Fuses - Standard **12-13**  
Fuses - Bolt **14**  
Accessories **15**



### NH

Knife Blade or Stud Mount designs in six sizes with current ratings of 2 to 1600 Amps.

- gL/gG - Line Protection
- aM - Motor Protection
- gR/aR - Semiconductor Protection

Fuses **16-21**  
Accessories **19**



### ITALIAN

Cylinder style fuses available in four sizes with current ratings from 2 to 100 Amps.

- gL - Line Protection

Fuses **22**



### BRITISH

British Line Protection fuses are available with four mounting plate designs with current ratings from 2 to 63 Amps.

- gG - Line Protection
- British Semiconductor fuses are available in single and double body units with multiple diameters and fixing centers.
- aR - Semiconductor Protection

Fuses - Line **23**  
Fuses - Semi. **24-25**



### SQUARE BODY

Square body fuses for semiconductor devices to 1000 Amps.

- aR - Semiconductor Protection

Fuses **26-31**  
Accessories **19**



### HIGH VOLTAGE

Fuses for distribution circuits in four sizes to 36KV.

Fuses **32-33**



### ACCESSORIES

- Screw Caps
- Adapter Screws and Rings
- Fuse Base Covers
- Fuse Bases
- Tools
- End Plates
- Microswitches
- Terminal Covers
- Fuse Handles

**10-11, 15, 19**

Siemens Cross Reference **34-35**

## DIAZED AND NEOZED ACCESSORIES

### SCREW CAP

The Screw Cap types offered fit the various fuse and Fuse Base sizes. They hold the fuses in place and connect the head of the fuse with the load side of the Fuse Holder. The colored blown fuse indicator on the head of the fuse is clearly visible through a small window in the top of the Screw Cap. A small test hole on the side of the Cap allows for a probe to test if voltage is present on the metallic surface on the head of the fuse.

### ADAPTER SCREW / RING

Adapter Screws are used with the Diazed, and Adapter Rings are used with the Neoazed Fuses. Three sizes of Screws and Rings are available to fit the diameter of the different size fuse bases. Adapter Screws are porcelain rings with a center hole on one side, a threaded stud on the other and one notch on each side. The inside diameter of the center hole of the Adapter Screw matches the diameter of the tip of the Diazed fuse for which it is intended. This helps to eliminate the insertion of fuses with higher current ratings than allowed. The integral threaded stud installs into the appropriate Diazed Fuse Base. Adapter Screws and Rings are color coded to the fuses.

### FUSE BASE

Fuse Bases hold fuses in place (in conjunction with the Screw Cap) and insure proper electrical connections. They snap easily onto standard 35mm DIN rail or can be panel mounted. They are available in one or three pole designs. Matching Covers are available. The line is connected to the metal tab at the bottom of the fuse base. The load is connected to the metal ring into which the Screw Cap is installed.

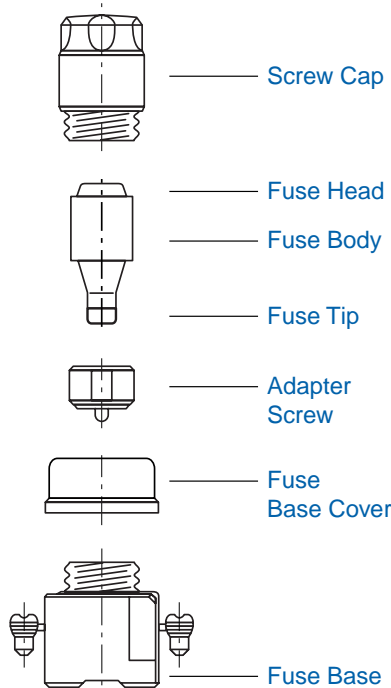
### FUSE BASE COVER

Fuse Base Covers are available in one and three pole designs to match the Fuse Bases we offer. They help prevent shock from accidental touching of conducting metal parts on the Base.

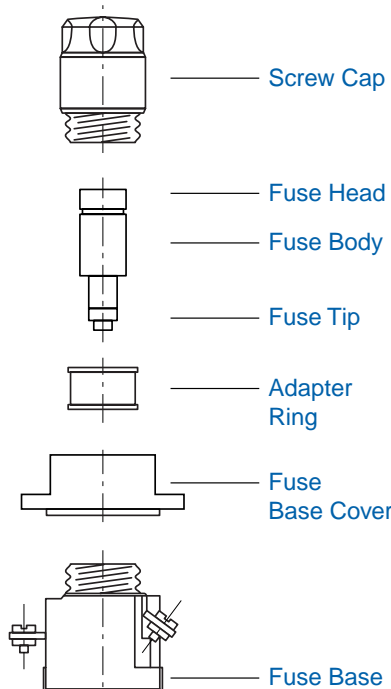
### TOOLS

The Adapter Screw / Ring Tools aid in the insertion and removal of the Adapters from the Fuse Base. The Adapter Screw Tool fits into notches on the Adapter Screw for the D27 and D33 Diazed fuses. The Adapter Ring Tool fits the Adapter Rings for the D01, D02 and D03 Neoazed fuses. We strongly recommend these tools be used when inserting or removing Adapter Screws or Rings to prevent electrical shocks.

#### The Diazed System



#### The Neoazed System



#### Diazed Screw Cap

Cat. No.	Height	Approx. Dim. mm (in.)		Use With Fuse(s)
		Thread	Dia.	
D16C	34 (1.34)	16 (.63)		ND-E 16
D27C	43 (1.69)	27 (1.06)		DII-E 27
D33C	43 (1.69)	33 (1.30)		DIII-E 33



#### Diazed Adapter Screw Tool

Cat. No.	Use With Fuse (s)
DAT	DII-E 27, DIII-E 33



#### Neoazed Screw Cap

Cat. No.	Height	Approx. Dim. mm (in.)		Use With Fuse(s)
		Thread	Dia.	
NZ01C	31 (1.22)	14 (.55)		D01
NZ02C	31 (1.22)	18 (.71)		D02
NZ03C	37 (1.46)	30 (1.18)		D03



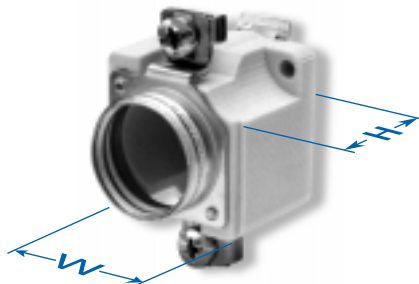
#### Neoazed Adapter Ring Tool

Cat. No.	Use With Fuse(s)
NAT	D01, D02, D03



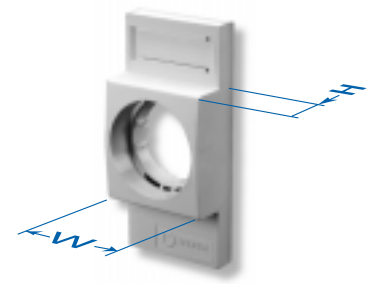
### Diazed Adapter Screw

Cat. No.	Current	Color	Use With Fuse(s)
<b>For Fuse Type DII-E 27</b>			
D27AS02	2A	Pink	2D27SB(FB)(SC)
D27AS04	4A	Brown	4D27SB(FB)(SC)
D27AS06	6A	Green	6D27SB(FB)(SC)
D27AS10	10A	Red	10D27SB(FB)(SC)
D27AS16	16A	Gray	16D27SB(FB)(SC)
D27AS20	20A	Blue	20D27SB(FB)(SC)
D27AS25	25A	Yellow	25D27SB(FB)(SC)
Height : 14mm (.55 in.)			
<b>For Fuse Type DIII-E 33</b>			
D33AS35	35A	Black	35D33SB(FB)(SC)
D33AS40	40A	Black	40D33SB(FB)(SC)
D33AS50	50A	White	50D33SB(FB)(SC)
D33AS63	63A	Copper	63D33SB(FB)(SC)
Height : 14mm (.55 in.)			



### Diazed Fuse Base

No. of Poles	Cat. No.	Approx. Dim. mm (in.)		Use With Fuse(s)
		Height	Width	
1	D16B	45 (1.77)	29 (1.14)	ND-E 16
1	D27B	46 (1.81)	38 (1.50)	DII-E 27
1	D33B	48 (1.89)	49 (1.93)	DIII-E 33
3	D27B3	46 (1.81)	90 (3.54)	DII-E 27
3	D33B3	46 (1.81)	109 (4.29)	DIII-E 33



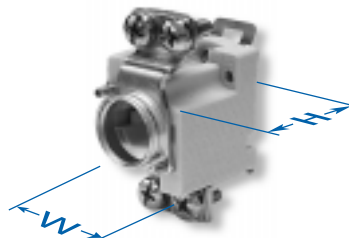
### Diazed Fuse Base Cover

No. of Poles	Cat. No.	Approx. Dim. mm (in.)		Use With Fuse(s)
		Height	Width	
1	D16BC	20 (.79)	40 (1.57)	ND-E 16
1	D27BC	20 (.79)	40 (1.57)	DII-E 27
1	D33BC	20 (.79)	49 (1.93)	DIII-E 33
3	D27BC3	20 (.79)	90 (3.54)	DII-E 27
3	D33BC3	20 (.79)	111 (4.37)	DIII-E 33



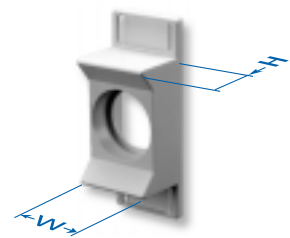
### Neozed Adapter Ring

Cat. No.	Current	Color	Use With Fuse(s)
<b>For Fuse Type D01</b>			
NZ01AR02	2A	Pink	2NZ01GL(SC)
NZ01AR04	4A	Brown	4NZ01GL(SC)
NZ01AR06	6A	Green	6NZ01GL(SC)
NZ01AR10	10A	Red	10NZ01GL(SC)
Height : 10mm (.39 in.)			
<b>For Fuse Type D02</b>			
NZ02AR20	20A	Blue	20NZ02GL(SC)
NZ02AR25	25A	Yellow	25NZ02GL(SC)
NZ02AR35	35A	Black	35NZ02GL(SC)
NZ02AR50	50A	White	50NZ02GL(SC)
Height : 10mm (.39 in.)			
<b>For Fuse Type D03</b>			
NZ03AR80	80A	Silver	80NZ03GL(SC)
Height : 10mm (.39 in.)			



### Neozed Fuse Base

No. of Poles	Cat. No.	Approx. Dim. mm (in.)		Use With Fuse(s)
		Height	Width	
1	NZ01B	42 (1.65)	27 (1.06)	D01
1	NZ02B	42 (1.65)	27 (1.06)	D02
1	NZ03B	46 (1.81)	44 (1.73)	D03
3	NZ01B3	42 (1.65)	81 (3.19)	D01
3	NZ02B3	42 (1.65)	81 (3.19)	D02



### Neozed Fuse Base Cover

No. of Poles	Cat. No.	Approx. Dim. mm (in.)		Use With Fuse(s)
		Height	Width	
1	NZ01BC	23 (.91)	27 (1.06)	D01
1	NZ02BC	23 (.91)	27 (1.06)	D02
1	NZ03BC	18 (.71)	44 (1.73)	D03
3	NZ01BC3	23 (.91)	81 (3.19)	D01
3	NZ02BC3	23 (.91)	81 (3.19)	D02

## CYLINDER FUSE BASES

Fuse Bases secure the fuses in place and insure proper electrical connections. Fuse Bases are available in one, two, three and four pole designs.

Types 8x32 and 10x38 are easily DIN rail mounted; Types 14x51 and 22x58 can be DIN rail mounted or mounted to any flat surface.

Cylinder Fuse Bases are available with optional blown fuse indication.<sup>1</sup>

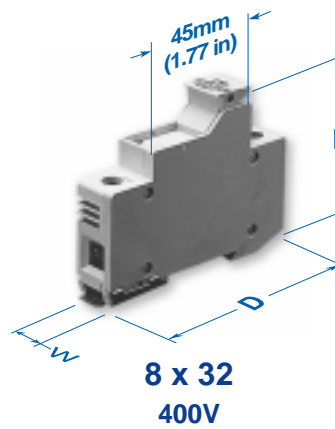
### Maximum Rating for Cylinder Fuse Bases

Cylinder Base	400V	Fuse 500V	660V
8x32	20A	—	—
10x38	32A	25A	—
14x51	50A	32A	25A
22x58	125A	100A	80A

### Wire Range

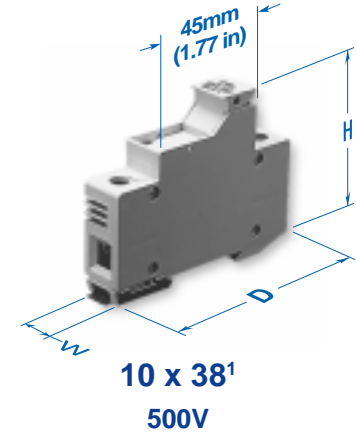
Cylinder Base	min	max stranded wire	max solid wire
8x32	1mm <sup>2</sup>	16mm <sup>2</sup>	25mm <sup>2</sup>
10x38	1mm <sup>2</sup>	16mm <sup>2</sup>	25mm <sup>2</sup>
14x51	1mm <sup>2</sup>	25mm <sup>2</sup>	35mm <sup>2</sup>
22x58	1.5mm <sup>2</sup>	35mm <sup>2</sup>	50mm <sup>2</sup>

<sup>1</sup> To order with blown fuse indicator, designate suffix "/I" after the Cat. No.



No. of Poles	Cat. No.	Approx. Dim. mm (in.)		
		Height	Width	Depth
1	CB832-1	77 (3.03)	17.5 (0.69)	63.5 (2.50)
2	CB823-1N	77 (3.03)	35 (1.38)	63.5 (2.50)
2	CB832-2	77 (3.03)	35 (1.38)	63.5 (2.50)
3	CB823-3	77 (3.03)	52.5 (2.07)	63.5 (2.50)
4	CB823-3N	77 (3.03)	70 (2.76)	63.5 (2.50)

Std. Pk. 1

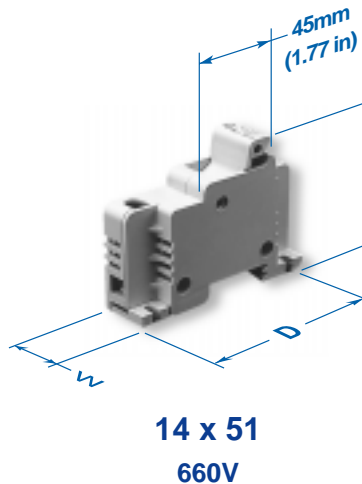


No. of Poles	Cat. No.	Approx. Dim. mm (in.)		
		Height	Width	Depth
1	CB1038-1	77 (3.03)	17.5 (0.69)	63.5 (2.50)
2	CB1038-1N	77 (3.03)	35 (1.38)	63.5 (2.50)
2	CB1038-2	77 (3.03)	35 (1.38)	63.5 (2.50)
3	CB1038-3	77 (3.03)	52.5 (2.07)	63.5 (2.50)
4	CB1038-3N	77 (3.03)	70 (2.76)	63.5 (2.50)

Std. Pk. 1

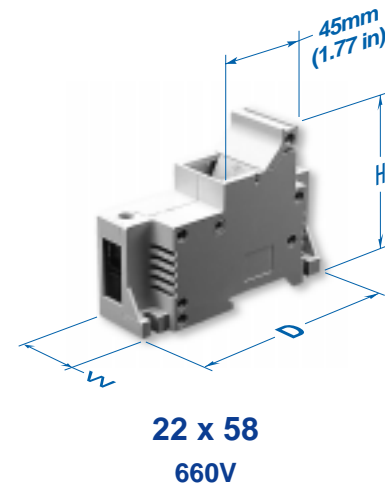


Rated at 600V, 30A



No. of Poles	Cat. No.	Approx. Dim. mm (in.)		
		Height	Width	Depth
1	CB1451-1	100 (3.94)	26 (1.02)	73 (2.87)
2	CB1451-1N	100 (3.94)	52 (2.05)	73 (2.87)
2	CB1451-2	100 (3.94)	52 (2.05)	73 (2.87)
3	CB1451-3	100 (3.94)	78 (3.07)	73 (2.87)
4	CB1451-3N	100 (3.94)	104 (4.09)	73 (2.87)

Std. Pk. 1



No. of Poles	Cat. No.	Approx. Dim. mm (in.)		
		Height	Width	Depth
1	CB2258-1	140 (5.51)	35 (1.38)	90 (3.54)
2	CB2258-1N	140 (5.51)	70 (2.76)	90 (3.54)
2	CB2258-2	140 (5.51)	70 (2.76)	90 (3.54)
3	CB2258-3	140 (5.51)	105 (4.13)	90 (3.54)
4	CB2258-3N	140 (5.51)	140 (5.51)	90 (3.54)

Std. Pk. 1

## NH FUSE ACCESSORIES

### FUSE BASE

Fuse Bases hold fuses in place and insure proper electrical connections. Available in one or three pole designs. Three-pole Fuse Bases are supplied with two Separator Plates which should be installed between poles. We recommend the use of End Plates and Terminal Covers for increased safety.

### END PLATE

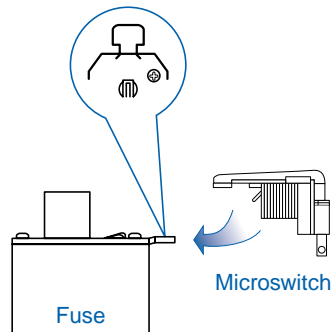
End Plates increase safety and provide separation between devices. Install by inserting End Plate into mounting entry slot on right or left side of Fuse Base. We recommend installing one End Plate on each side of the Fuse Base.

### TERMINAL COVER

Covers increase safety by covering the conducting metal hardware of the Fuse Base and the Fuse. We suggest Terminal Covers be used in conjunction with End Plates. To install slide Terminal Cover over terminal slot and snap in place.

### MICROSWITCH

Microswitches can be field mounted on NH fuses for remote blown fuse indication. (Sketch below)



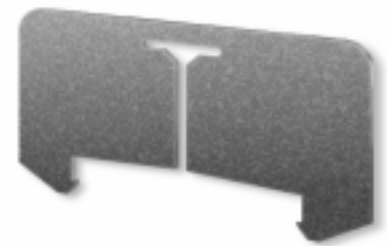
### FUSE HANDLE

We strongly suggest using the Fuse Handle when inserting or removing fuses from the Fuse Base to prevent electrical shocks. For increased safety, use Fuse Handle with integral safety glove. Both Fuse Handles are for use with NH-Knife Blade Fuses, NH00 - NH4.



**Fuse Base**

No. of Poles	Cat. No.	Length mm (in.)	Use With Fuse(s)
1	<b>NHB00-1</b>	122 (4.80)	NH00
3	<b>NHB00-3</b>	139 (5.47)	NH00
1	<b>NHB0-1</b>	170 (6.69)	NH0
1	<b>NHB1-1</b>	202 (7.95)	NH1
3	<b>NHB1-3</b>	214 (8.42)	NH1
1	<b>NHB2-1</b>	227 (8.94)	NH2
3	<b>NHB2-3</b>	260 (10.24)	NH2
1	<b>NHB3-1</b>	242 (9.53)	NH3
1	<b>NHB4-1</b>	310 (12.20)	NH4
1	<b>NHB4A-1</b>	338 (13.31)	NH4A
1	<b>NHSMB</b>	146 (5.75)	NH00SM



**Fuse End Plate**

Cat. No.	Approx. Dim. mm (in.) Width	Length	Use With Fuse Base(s)
<b>NHEP00</b>	62 (2.44)	121 (4.76)	NHB00-1-3
<b>NHEP0</b>	62 (2.44)	180 (7.09)	NHB0-1-3
<b>NHEP1</b>	62 (2.44)	214 (8.42)	NHB1-1-3
<b>NHEP2</b>	90 (3.54)	260 (10.24)	NHB2-1-3
<b>NHEP3</b>	101 (3.98)	242 (9.53)	NHB3-1-3



**Microswitch**

Cat. No.	Current/Voltage	Use With Fuse(s)
<b>NHMS</b>	5/250V AC (SPDT)	NH Knife Blade or NH Stud Mount (All Sizes)



**Terminal Cover**

Cat. No.	Use With Fuse Base(s)
<b>NHTC00</b>	NHB00-1-3



**Fuse Handle**

Cat. No.	Description
<b>NHHA</b>	Fuse Handle
<b>NHSG</b>	Fuse Handle with Safety Glove

For maximum protection use Fuse Handle with integral safety glove, not shown.