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 Neozed 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.

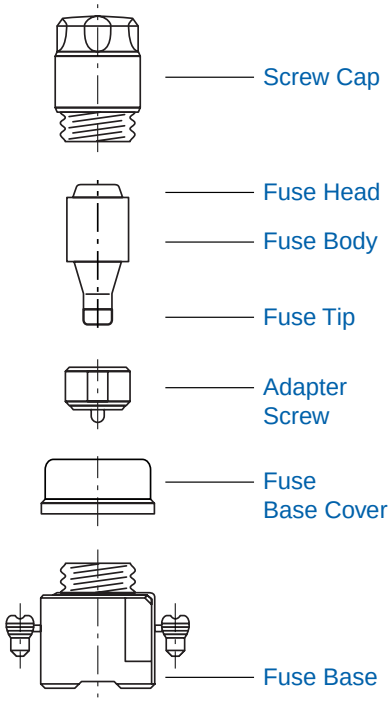
FUSE BASE COVER

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 Neozed fuses. We strongly recommend these tools be used when inserting or removing Adapter Screws or Rings to prevent electrical shocks.

The Diazed System



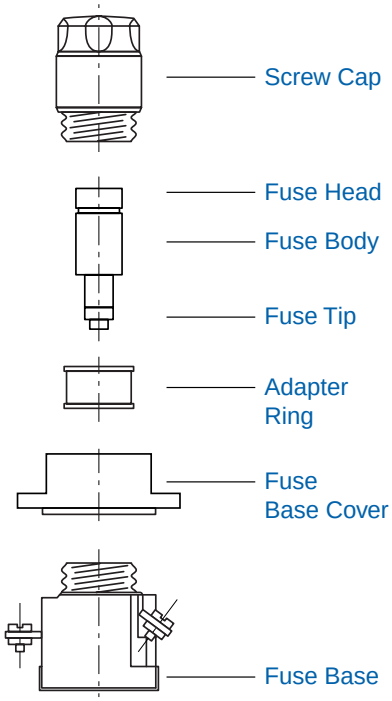
Diazed Screw Cap

Cat. No.	Approx. Dim. Height	mm (in.) Thread Dia.	Use With Fuse(s)
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

The Neozed System



Neozed Screw Cap

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

Neozed Adapter Ring Tool

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

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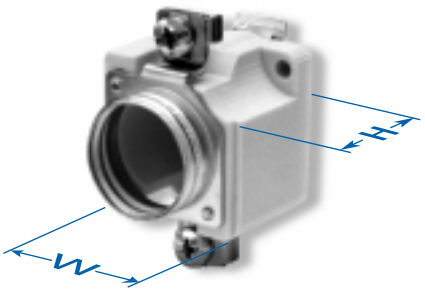
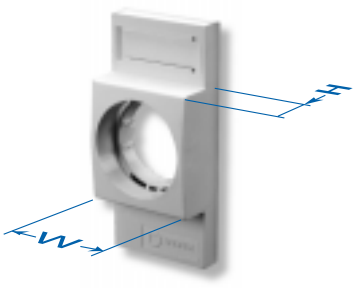
Diazed Adapter Screw

Cat. No.	Current	Color	Use With Fuse(s)
For Fuse Type DII-E 27			
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.)			
For Fuse Type DIII-E 33			
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.) Height	Width	Use With Fuse(s)
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

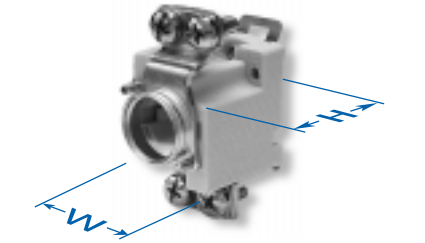


Diazed Fuse Base Cover

No. of Poles	Cat. No.	Approx. Dim. mm (in.) Height	Width	Use With Fuse(s)
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

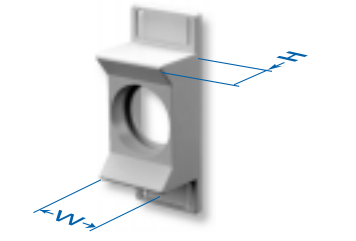
Neozed Adapter Ring

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



Neozed Fuse Base

No. of Poles	Cat. No.	Approx. Dim. mm (in.) Height	Width	Use With Fuse(s)
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.) Height	Width	Use With Fuse(s)
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

Fuse Holders, 10 x 38 mm and CC Type

The main characteristics of fuse disconnectors are:

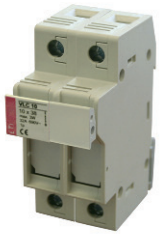
- UL recognized (10x38mm)
- UL listed (CC Type)
- Compliance with IEC 60947-1, IEC 60947-3
- Plastic parts are made of material resistant to high temperatures
- All contact surfaces are silver plated
- Mounting on standard DIN 35 mm rail (DIN EN60715).
- Available up to 4 pole
- For all sizes a version with electronic indicator is available. There are two technical types of indicator:

L (LED) (10x38mm only) with built in LED diode which blinks after the fuse-link operates. The internal circuit resistance is 2M, thus the total dissipation is minimal. The indicator is capable of operating in conditions of open circuit with minimum capacitance be-tween connection cables. Operating voltage range spans from 50V to 690V AC and DC.

I (NEON) (10x38mm only) with neon lamp, which is constantly lit after the fuse-link operates. The internal circuit resistance is 570k, thus it is necessary that the circuit be closed in order for the indicator to function. The operational voltage range is 100 V to 750 V AC.

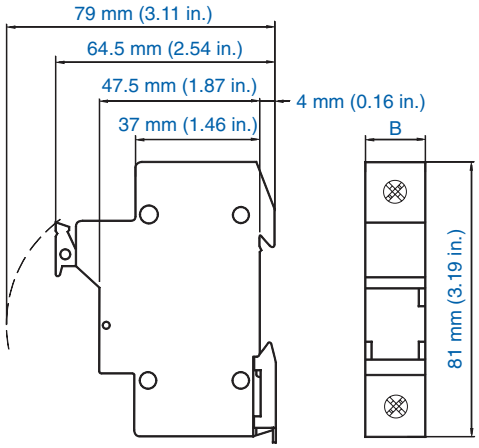
* Fuses are sold separately Altech, see pages 100-101.

**1000V UL PV rating pending.

	1 POLE	2 POLE	3 POLE
			
Terminal Width (B)	17.5 mm	35 mm	52.5 mm
Height x Length	81 x 64.5 mm	81 x 64.5 mm	81 x 64.5 mm
Stripping Length	11 mm	11 mm	11 mm
Insulation Material	Aculon ®	Aculon ®	Aculon ®
Type of Connection	2 screw clamps	2 screw clamps	2 screw clamps
Wire Range	1.5-25sq.mm / 24-4 AWG	1.5-25sq.mm / 24-4 AWG	1.5-25sq.mm / 24-4 AWG
IEC Rating	690 V / 32A	690 V / 32A	690 V / 32A
cULus cULus Rating	600 V AC/DC / 30A	600 V AC/DC / 30A	600 V AC/DC / 30A
Torque	2-2.5 Nm / 31 lb-in	2-2.5 Nm / 31 lb-in	2-2.5 Nm / 31 lb-in
Cylindrical 10x38 Indicator:	**Cat. No.** / **Std. Pk.**	**Cat. No.** / **Std. Pk.**	**Cat. No.** / **Std. Pk.**
None	**CB1038-1** 1	**CB1038-2** 1	**CB1038-3** 1
LED	**CB1038-1/L** 1	**CB1038-2/L** 1	**CB1038-3/L** 1
Neon	**CB1038-1/I** 1	**CB1038-2/I** 1	**CB1038-3/I** 1
Type of Fuse Used	**Ø10 x 38 mm**	**Ø10 x 38 mm**	**Ø10 x 38 mm**
Approvals**	IEC, cULus E212627	IEC, cULus E212627	IEC, cULus E212627
CC Type Holder	**Cat. No.** / **Std. Pk.**	**Cat. No.** / **Std. Pk.**	**Cat. No.** / **Std. Pk.**
	CB10CC-1 1	**CB10CC-2** 1	**CB10CC-3** 1
Type of Fuse Used	**CC Type**	**CC Type**	**CC Type**
Approvals	IEC, cULus E212627	IEC, cULus E212627	IEC, cULus E212627
DIN Rail *for ordering information refer to pages 90-91*	35mm, 35mm	35mm, 35mm	35mm, 35mm
End Stop *for ordering information refer to page 92*	CA702 50 CA802 50	CA702 50 CA802 50	CA702 50 CA802 50

Cylindrical 10 x 38

CC Type



Dimension for B:

1 Pole	17.5mm
1 Pole + Neutral	35mm
2 Pole	35mm
3 Pole	52.5mm
3 Pole + Neutral	70mm

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Cylinder Fuse Holders, 8 x 31 mm, 14 x 51 mm and 22 x 58 mm

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 8x31 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.

The main characteristics of fuse disconnectors are:

- UL recognized (8x31 and 14x51 mm only)
- Compliance with IEC 60947-1, IEC 60947-3
- Plastic parts are made of material resistant to high temperatures
- All contact surfaces are silver plated
- Mounting on standard DIN 35 mm rail (DIN EN60715).
- Available up to 4 pole
- For all sizes a version with electronic indicator is available.

The 8x31 fuse holders with indicator are built with a NEON lamp, which is constantly lit after the fuselink operates. The internal circuit resistance is 570k, thus it is necessary that the circuit be closed in order for the indicator to function. The operational voltage range is 100 V to 750 V AC.

The 14x51 and 22x58 fuse holders with indicator have a built in LED which blinks after the fuse-link operates. The internal circuit resistance is 2M, thus the total dissipation is minimal. The indicator is capable of operating in conditions of open circuit with minimum capacitance between connection cables. Operating voltage range spans from 50V to 690V AC and DC.

	8 x 31	14 x 51	22 x 58
			
Terminal Width			
1 pole:	17.5 mm (0.69 in.)	27 mm (1.07 in.)	27 mm (1.07 in.)
1 pole + indicator:	17.5 mm (0.69 in.)	27 mm (1.07 in.)	27 mm (1.07 in.)
1 pole + N:	35 mm (1.38 in.)	54 mm (2.15 in.)	71 mm (2.80 in.)
2 pole:	35 mm (1.38 in.)	54 mm (2.15 in.)	71 mm (2.80 in.)
2 pole + indicator:	35 mm (1.38 in.)	54 mm (2.15 in.)	71 mm (2.80 in.)
3 pole:	52.5 mm (2.07 in.)	81 mm (3.20 in.)	107 mm (4.20 in.)
3 pole + indicator	52.5 mm (2.07 in.)	81 mm (3.20 in.)	107 mm (4.20 in.)
3 pole + N:	70 mm (2.76 in.)	108 mm (4.25 in.)	142.5 mm (5.60 in.)
Height x Length	81 x 64.5 mm (3.20 x 2.40 in)	94 x 70 mm (3.70 x 2.76 in)	120.5 x 70 mm (4.73 x 2.76 in)
Insulation Material	Aculon ®	Aculon ®	Aculon ®
Type of Connection	2 screw clamps	2 screw clamps	2 screw clamps
Wire Range			
Mininum	1 sq mm (18 AWG)	1 sq mm (18 AWG)	1.5 sq mm (16 AWG)
Max. Stranded	16 sq mm (6 AWG)	25 sq mm (4 AWG)	35 sq mm (2 AWG)
Max. Solid	25 sq mm (4 AWG)	35 sq mm (2 AWG)	50 sq mm (1 AWG)
c UL us Rating	**600V AC/DC / 30A**	**600V AC/DC / 50A**	**N/A**
EC Rating	400V AC/DC / 20A	400V AC/DC / 50A 500V AC/DC / 32A 690V AC/DC / 25A	400V AC/DC / 125A 500V AC/DC / 100A 690V AC/DC / 80A
Torque	2-2.5 Nm / 31 lb-in	2.5 Nm / 22 lb-in	3 Nm / 26 lb-in

Type	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.
1 pole:	**CB831-1**	12	**CB1451-1**	12	**CB2258-1**	3
1 pole + indicator:	**CB831-1/I**	12	**CB1451-1/I**	12	**CB2258-1/I**	3
1 pole + N:	**CB831-1N**	6	**CB1451-1N**	6	**CB2258-1N**	2
2 pole:	**CB831-2**	6	**CB1451-2**	6	**CB2258-2**	2
2 pole + indicator:	**CB831-2/I**	6	**CB1451-2/I**	6	**CB2258-2/I**	2
3 pole:	**CB831-3**	4	**CB1451-3**	4	**CB2258-3**	1
3 pole + indicator	**CB831-3/I**	4	**CB1451-3/I**	4	**CB2258-3/I**	1
3 pole + N:	**CB831-3N**	3	**CB1451-3N**	3	**CB2258-3N**	1

Type of Fuse Used	**8x32 mm**		**14x51 mm**		**22x58 mm**	
Approvals**	IEC	c UL us E212627	IEC	c UL us E212627	IEC	
DIN Rail	35mm	35mm	35mm	35mm	35mm	35mm
End Stop	CA702 CA802	50 50	CA702 CA802	50 50	CA702 CA802	50 50

* Fuses are sold separately.

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

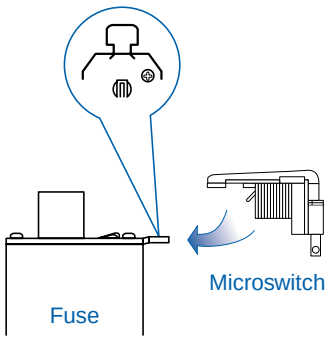
End Plates increase safety and provide separation between devices. Install by inserting End Plate into mounting entry slot on right or left side of Fuse Base. We recommend installing one End Plate on each side of the Fuse Base.

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.

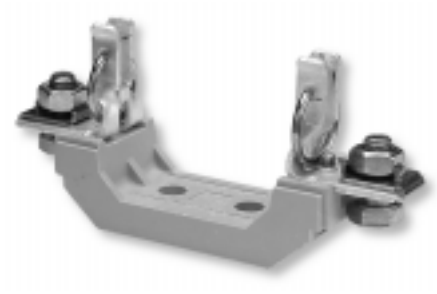
MICROSWITCH

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	**NHB00-1**	122 (4.80)	NH00
3	**NHB00-3**	139 (5.47)	NH00
1	**NHB0-1**	170 (6.69)	NH0
1	**NHB1-1**	202 (7.95)	NH1
3	**NHB1-3**	214 (8.42)	NH1
1	**NHB2-1**	227 (8.94)	NH2
3	**NHB2-3**	260 (10.24)	NH2
1	**NHB3-1**	242 (9.53)	NH3
1	**NHB4-1**	310 (12.20)	NH4
1	**NHB4A-1**	338 (13.31)	NH4A
1	**NHSMB**	146 (5.75)	NH00SM

Fuse End Plate

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

Microswitch

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

Terminal Cover

Cat. No.	Use With Fuse Base(s)
NHTC00	NHB00-1-3

Fuse Handle

Cat. No.	Description
NHHA	Fuse Handle
NHSG	Fuse Handle with Safety Glove

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

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