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MINIATURE

Mini fuses in five sizes to 20 Amps.

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

Fuses

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DIAZED

"Bottle" fuses in five sizes to 200 Amps.

• gL/gG - Slow Blow - Fast Blow

• gR - Semiconductor

Semiconductor
 Protection

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



NEOZED

Compact fuses in three sizes to 100 Amps.

• gL/gG - Slow Blow

• gR - Semiconductor Protection



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

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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

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ITALIAN

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

• gl - Line Protection



BRITISH

British Line Proection 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

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SQUARE BODY

Fuses

Accessories

Square body fuses for semiconductor devices to 1000 Amps.

• aR - Semiconductor Protection

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HIGH VOLTAGE

Fuses

Fuses for distribution circuits in four sizes to 36KV.



ACCESSORIES

· Screw Caps

Adapter Screws and Rings

• Fuse Base Covers

• Fuse Bases

Tools

32-33

• End Plates

MicroswitchesTerminal Covers

• Fuse Handles

10-11, 15, 19

Siemens Cross Reference

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Fuses

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NEOZED

Neozed Fuses are more compact than the Diazed Fuses. Three sizes are available, D01 to 16 Amps, D02 to 63 Amps and D03 to 100 Amps. Fuse accessories are sized to match. Each size fuse body has a different diameter to fit only into the appropriate Screw Cap and Fuse Base. (See illustration pg

Also, the fuse tips have different diameters, depending on their current rating. The diameter of the tip matches the diameter of the hole in the Adapter Ring to insure that no fuse with a higher rating than intended for the circuit can be installed. This prevents damage to the circuit or equipment the fuse protects. Additionally, fuses and Adapter Rings are color coded to avoid mismatching; for example: 10 Amp Neozed fuses have red pop-out indicators on their head, matching the red 10 Amp Adapter Ring.

When a Neozed fuse has blown, the color coded indicator on the head of the fuse will pop out, giving visible indication through a glass window in the Screw Cap.

The Fuse is held in place by the Screw Cap, which is screwed into the Fuse Base. Neozed Fuse Bases are available in one and three pole designs. Fuse Bases can be panel mounted or snapped onto a standard 35mm DIN rail.

Operating Classes

gL/gG - Slow Blow

Protect cable, conductors, and equipment from damage due to overload and short circuits.

Typical Markings: gL/gG

qR - Semiconductor Protection Protects semiconductors like diodes, SCRs, etc. Current limiting super fast blow characteristic for short circuit protection.

Typical Markings: Ultra Rapid™, Ultra Quick™, Recticur™, gR,



Mostly red, orange, or blue imprint.



		D01		
Ordering Information	Current/ Voltage	Cat. No.	Color Code	Std. Pk.
Slow Blow - Operating Class gL/gG (VDE 0636 / IEC 269) Cable, Line , and Equipment Protection up to 380V AC and 250V DC	2/380V AC 4/380V AC 6/380V AC 10/380V AC 16/380V AC	2NZ01GL 4NZ01GL 6NZ01GL 10NZ01GL 16NZ01GL	Pink Brown Green Red Gray	10 10 10 10 10
Semiconductor Protection - Operating Class gR (VDE 0636 / IEC 269) Semiconductor Protection up to 440V AC and 250V DC	2/440V AC 4/440V AC 6/440V AC 10/440V AC 16/440V AC	2NZ01SC 4NZ01SC 6NZ01SC 10NZ01SC 16NZ01SC	Pink Brown Green Red Gray	5 5 5 5 5
Screw Cap (pgs 10-11)*		NZ01C		1
Adapter Ring (pgs 10-11)* (Install only with Adapter Ring Tool)	re	fer to pgs 10-11		
Adapter Ring Tool (pgs 10-11)* (for inserting or removing all Adapter Rings)		N AT		1
Fuse Base, Single Pole (pgs 10-11)* Fuse Base, Three Pole (pgs 10-11)*		NZ01B NZ01B3		1 1
Fuse Base Cover, Single Pole (pgs 10-11)* Fuse Base Cover, Three Pole (pgs 10-11)*		NZ01BC NZ01BC3		1 1
*Refer to page indicated for additional selection	Dimensions to D	98 98 98 98 98 98 98 98 98 98 98 98 98 9	in.)	
and ordering information.	imensions to D	IIN 49522		





NZ02BC3

Dimensions to DIN 49522

Ø15.3mm (.60 in.)



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U	u	.3

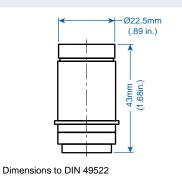
Std. Pk. 10 10

1

1

1

	D02				D03	
Current/ Voltage	Cat. No.	Color Code	Std. Pk.	Current/ Voltage	Cat. No.	Color Code
20/380V AC 25/380V AC 35/380V AC 50/380V AC 63/380V AC	20NZ02GL 25NZ02GL 35NZ02GL 50NZ02GL 63NZ02GL	Blue Yellow Black White Copper	10 10 10 10	80/380V AC 100/380V AC	80NZ03GL 100NZ03GL	Silver Red
20/440V AC 25/440V AC 35/440V AC 50/440V AC 63/440V AC	20NZ02SC 25NZ02SC 35NZ02SC 50NZ02SC 63NZ02SC	Blue Yellow Black White Copper	5 5 5 5 5	80/440V AC 100/440V AC	80NZ03SC 100NZ03SC	Silver Red
	NZ02C		1		NZ03C	
	refer to pgs 10-11	I		r	refer to pg 10-11	
	N AT		1		N AT	
	NZ02B NZ02B3		1 1		NZ03B	
	NZ02BC		1		NZ03BC	



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.

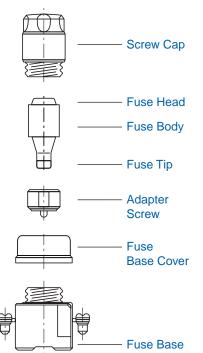
FUSE BASE COVER

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

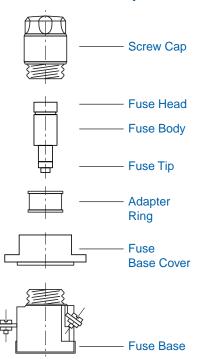
	Approx.				
	Dim.	mm (in.)	Use With		
Cat. No.	Height	Thread Dia.	Fuse(s)		
D16C	34 (1.34)	16 (.63)	ND-E 16		
D27C	43 (1.69)	27 (1.06)	DII-E 27		
D33C	43 (1.69)	33 (1.30)	DIII-E 33		



Diazed Adapter Screw Tool

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

The Neozed System





Neozed Screw Cap

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





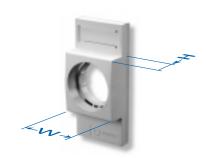
Diazed Adapter Screw

Cat. No. Curren	t Color	Use With Fuse(s)
For Fuse Type D	II-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 (.5	55 in.)	
For Fuse Type D	III-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 (.5	55 in.)	



Diazed Fuse Base

	of Cat. s No.	Ap Dim. Height	Use With Fuse(s)	
1	D16B	45 (1.77)	38 (1.50)	ND-E 16
1	D27B	46 (1.81)		DII-E 27
1	D33B	48 (1.89)		DIII-E 33
3	D27B3	46 (1.81)	90 (3.54)	DII-E 27
	D33B3	46 (1.81)	109 (4.29)	DIII-E 33



Diazed Fuse Base Cover

No. o		` ,		Use With Fuse(s)
1 1 1	D27BC	20 (.79) 20 (.79) 20 (.79)	40 (1.57) 40 (1.57) 49 (1.93)	ND-E 16 DII-E 27 DIII-E 33
3	D27BC3 D33BC3		` ,	DII-E 27 DIII-E 33



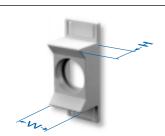
Neozed Adapter Ring

Cat. No.	Current	Color	Use With Fuse(s)
For Fuse	Type D01		
NZ01AR02	2 2A	Pink	2NZ01GL(SC)
NZ01AR04	4 4A	Brown	4NZ01GL(SC)
NZ01AR06	6A	Green	6NZ01GL(SC)
NZ01AR10	1 0A	Red	10NZ01GL(SC)
Height: 10	mm (.39 i	n.)	
For Fuse	Type D02		
NZ02AR20	2 0A	Blue	20NZ02GL(SC)
NZ02AR2	5 25A	Yellow	25NZ02GL(SC)
NZ02AR35	3 5A	Black	35NZ02GL(SC)
NZ02AR50	5 0A	White	50NZ02GL(SC)
Height: 10	mm (.39 i	n.)	
For Fuse	Type D03		
NZ03AR80) 80A	Silver	80NZ03GL(SC)
Height: 10	mm (.39 i	n.)	, ,



Neozed Fuse Base

No. o		App Dim. n Height	Use With Fuse(s)	
1 1 1	NZ01B NZ02B NZ03B	42 (1.65) 42 (1.65) 46 (1.81)	27 (1.06)	D01 D02 D03
3 3		42 (1.65) 42 (1.65)		D01 D02



Neozed Fuse Base Cover

No. o Poles				Use With Fuse(s)
1 1 1	NZ02BC	23 (.91)	27 (1.06) 27 (1.06) 44 (1.73)	D01 D02 D03
3 3	NZ01BC3 NZ02BC3			D01 D02