DIAZED (BOTTLE)

Diazed Fuses, commonly called "Bottle" Fuses, are available in five sizes, ND to 35 Amps, DII to 35 Amps, DIII to 100 Amps, DIV to 100 Amps and DV to 200 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 10.)

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 Screw 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 Screws are color coded to avoid mismatching; for example: 10 Amp Diazed fuses have red pop-out indicators on their head, matching the red ring of the 10 Amp Adapter Screw.

When a Diazed 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. Diazed 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, equipment, and conductors from damage due to overloads and short circuits.

Typical Markings: "T", Trage, gL/gG, Vollschutz,

- Fast Blow
Fast Blow fuses are typically used to protect equipment.

Typical Markings: "F", Flink, (the absence of the snail symbol)

gR - Semiconductor Protection
Typically used for protecting semiconductors like diodes, SCRs, etc. Current limiting.

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

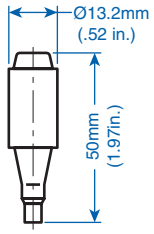
Mostly red, orange, or blue imprint.



ND-E 16

Ordering Information	Current/ Voltage	Cat. No.	Color Code	Std. Pk.
Slow Blow - Operating Class gL/gG (VDE 0636 / IEC 269) Cable, Equipment, and Line Protection, up to 500V AC (660V and 750V available)	2/500V AC	**2D16SB**	Pink	25
	4/500V AC	**4D16SB**	Brown	25
	6/500V AC	**6D16SB**	Green	25
	10/500V AC	**10D16SB**	Red	25
	16/500V AC	**16D16SB**	Gray	25
	20/500V AC	**20D16SB**	Blue	25
	25/500V AC	**25D16SB**	Yellow	25
	30/500V AC	**30D16SB** *	Silver	25
	35/500V AC	**35D16SB** *	Black	25
Fast Blow (CEE-16) - old standard for Equipment Protection, up to 500V AC (750V available)	2/500V AC	**2D16FB**	Pink	25
	4/500V AC	**4D16FB**	Brown	25
	6/500V AC	**6D16FB**	Green	25
	10/500V AC	**10D16FB**	Red	25
	16/500V AC	**16D16FB**	Gray	25
	20/500V AC	**20D16FB**	Blue	25
	25/500V AC	**25D16FB**	Yellow	25
	30/500V AC	**30D16FB** *	Silver	25
	35/500V AC	**35D16FB** *	Black	25
Semiconductor Protection - Operating Class gR (VDE 0636 / IEC 269) Semiconductor Protection, up to 500V AC, 440V DC	2/500V AC	**2D16SC**	Pink	25
	4/500V AC	**4D16SC**	Brown	25
	6/500V AC	**6D16SC**	Green	25
	10/500V AC	**10D16SC**	Red	25
	16/500V AC	**16D16SC**	Gray	25
	20/500V AC	**20D16SC**	Blue	25
	25/500V AC	**25D16SC**	Yellow	25
	30/500V AC	**30D16SC**	Black	25
Screw Cap (pgs 10-11)**		**D16C**		1
Adapter Screw (pgs 10-11)** (Install only with Adapter Screw Tool)		Not Available		
Adapter Screw Tool (pgs 10-11)** (for inserting or removing all Adapter Screws)		Not Available		
Fuse Base, Single Pole (pgs 10-11)**		**D16B**		1
Fuse Base, Three Pole (pgs 10-11)**		**D16B3**		1
Fuse Base Cover, Single Pole (pgs 10-11)**		**D16BC**		1
Fuse Base Cover, Three Pole (pgs 10-11)**		**D16BC3**		1

* Not standard rating.
** Refer to page indicated for additional selection and ordering information.



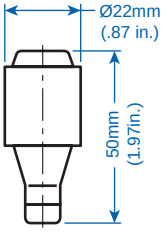
Dimensions to DIN 49360

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DII-E 27

Current/ Voltage	Cat. No.	Color Code	Std. Pk.
2/500V AC	**2D27SB**	Pink	5
4/500V AC	**4D27SB**	Brown	5
6/500V AC	**6D27SB**	Green	5
10/500V AC	**10D27SB**	Red	5
16/500V AC	**16D27SB**	Gray	5
20/500V AC	**20D27SB**	Blue	5
25/500V AC	**25D27SB**	Yellow	5
30/500V AC	**30D27SB***	Silver	5
35/500V AC	**35D27SB***	Black	5
2/500V AC	**2D27FB**	Pink	5
4/500V AC	**4D27FB**	Brown	5
6/500V AC	**6D27FB**	Green	5
10/500V AC	**10D27FB**	Red	5
16/500V AC	**16D27FB**	Grey	5
20/500V AC	**20D27FB**	Blue	5
25/500V AC	**25D27FB**	Yellow	5
30/500V AC	**30D27FB***	Silver	5
35/500V AC	**35D27FB***	Black	5
2/500V AC	**2D27SC**	Pink	5
4/500V AC	**4D27SC**	Brown	5
6/500V AC	**6D27SC**	Green	5
10/500V AC	**10D27SC**	Red	5
16/500V AC	**16D27SC**	Grey	5
20/500V AC	**20D27SC**	Blue	5
25/500V AC	**25D27SC**	Yellow	5
30/500V AC	**30D27SC**	Black	5
	D27C		1
	Refer to pgs 10-11		
	DAT		1
	D27B		1
	D27B3		1
	D27BC		1
	D27BC3		1

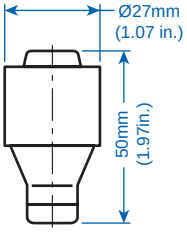


Dimensions to DIN 49515



DIII-E 33

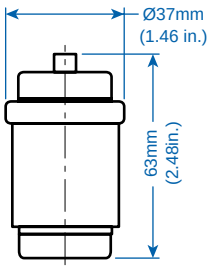
Current/ Voltage	Cat. No.	Color Code	Std. Pk.
35/500V AC	**35D33SB**	Black	5
40/500V AC	**40D33SB***	Black	5
50/500V AC	**50D33SB**	White	5
63/500V AC	**63D33SB**	Copper	5
80/500V AC	**80D33SB***	Silver	5
100/500V AC	**100D33SB***	Silver	5
35/500V AC	**35D33FB**	Black	5
40/500V AC	**40D33FB***	Black	5
50/500V AC	**50D33FB**	White	5
63/500V AC	**63D33FB**	Copper	5
80/500V AC	**80D33FB***	Silver	5
100/500V AC	**100D33FB***	Silver	5
35/500V AC	**35D33SC**	Black	5
50/500V AC	**50D33SC**	White	5
63/500V AC	**63D33SC**	Copper	5
	D33C		1
	Refer to pgs 10-11		
	DAT		1
	D33B		1
	D33B3		1
	D33BC		1
	D33BC3		1



Dimensions to DIN 49515



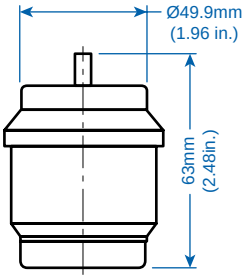
DIV- R 1.25



For DIV fuses, please consult Altech.



DV- R 2



For DV fuses, please consult Altech.