

# D Type (DIAZED)

## 500 VOLT D type DIAZED fuse-links, screw caps and fuse bases

Mersen D fuse-links, also called Diazed type, are 500 Volts AC rated with 75kA interrupting rating. They have 4 physical sizes, DI, DII, DIII, and DIV and fit into special screw caps. All fuse-links have blown-fuse indicators which are visible through the screw cap. Screw caps fit onto single pole bases which are screw or DIN rail mounted. All accessories such as covers, adapter rings, and gauge rings are described.



### D Type DIAZED Fuse Bases, Snap-on

| Size   | Rated Current | Pole | Max Cross Sect. mm <sup>2</sup> | Catalog Number | Reference Number | Standard Pack/Ctn |
|--|---------------|------|---------------------------------|----------------|------------------|-------------------|
| <b>Snap-on fastening, 500 VAC without shock-proof protection cover</b> |               |      |                                 |                |                  |                   |
| D II   | 25            | 1    | 6                               | 685.1-L        | K207055          | 15                |
| D III  | 63            | 4    | 16                              | 686.4-L        | V215597          |                   |
| <b>Snap-on fastening, 500 VAC with shock-proof protection cover</b>    |               |      |                                 |                |                  |                   |
| D II   | 25            | 1    | 6                               | 685.11-L       | D211511          | 10                |
| D III  | 63            | 4    | 16                              | 686.41-L       | C216110          |                   |



### D Type DIAZED Fuse Bases, Screw-in

| Size   | Rated Current | Pole | Max Cross Sect. mm <sup>2</sup> | Catalog Number | Reference Number | Standard Pack/Ctn |
|--|---------------|------|---------------------------------|----------------|------------------|-------------------|
| <b>Screw in 500 VAC without shock-proof protection cover</b> |               |      |                                 |                |                  |                   |
| D II   | 25            | 1    | 6                               | 81.1-L         | K218670          | 15                |
| D III  | 63            | 4    | 16                              | 72.4-L         | H212021          |                   |
| <b>Screw in 500 VAC with shock-proof protection cover</b>    |               |      |                                 |                |                  |                   |
| D II   | 25            | 1    | 6                               | 81.11-L        | Z219189          | 10                |
| D III  | 63            | 4    | 16                              | 72.41-L        | A212543          |                   |



### Ratings:

**Volts** : 500VAC  
**I.R.** : 75kA I.R. AC  
**gL-gG** : Performance characteristic

### Approvals:

- Meet IEC, VDE Standards: IEC 269-3, 3A VDE 0636
- Approved by Lloyds Register of Shipping and Bureau Veritas

# D Type (DIAZED)

## D Type DIAZED Fast Acting Fuses, 500VAC

| Size  | Rated Current | Catalog Number | Reference Number | Gauge Color | Standard Pack/Ctn. |
|-------|---------------|----------------|------------------|-------------|--------------------|
| NDZ   | 2             | 594.002-L      | C222918          | PINK        | 25                 |
|       | 4             | 594.004-L      | L200708          | BROWN       |                    |
|       | 6             | 594.006-L      | A201250          | GREEN       |                    |
|       | 10            | 594.01-L       | L201766          | RED         |                    |
|       | 16            | 594.016-L      | D207049          | GRAY        |                    |
|       | 20            | 594.02-L       | B211509          | BLUE        |                    |
|       | 25            | 594.025-L      | Y212541          | YELLOW      |                    |
| D II  | 2             | 597.002-L      | E213559          | PINK        |                    |
|       | 4             | 597.004-L      | D214064          | BROWN       |                    |
|       | 6             | 597.006-L      | L214577          | GREEN       |                    |
|       | 10            | 597.01-L       | S215089          | RED         |                    |
|       | 16            | 597.016-L      | A216108          | GRAY        |                    |
|       | 20            | 597.02-L       | J217128          | BLUE        |                    |
|       | 25            | 597.025-L      | P217639          | YELLOW      |                    |
| D III | 35            | 598.035-L      | J218669          | BLACK       |                    |
|       | 50            | 598.05-L       | J222165          | WHITE       |                    |
|       | 63            | 598.063-L      | M200709          | COPPER      |                    |

## D Type DIAZED gG Fuses, 500VAC

| Size  | Rated Current | Catalog Number | Reference Number | Gauge Color | Standard Pack/Ctn. |    |
|-------|---------------|----------------|------------------|-------------|--------------------|----|
| NDZ   | 2             | 594.0027-L     | W212539          | PINK        | 25                 |    |
|       | 4             | 594.0047-L     | G213055          | BROWN       |                    |    |
|       | 6             | 594.0067-L     | C213557          | GREEN       |                    |    |
|       | 10            | 594.0107-L     | B214062          | RED         |                    |    |
|       | 16            | 594.0167-L     | J214575          | GRAY        |                    |    |
|       | 20            | 594.0207-L     | Q215087          | BLUE        |                    |    |
|       | 25            | 594.0257-L     | Q215593          | YELLOW      |                    |    |
| D II  | 2             | 597.0027-L     | Z219718          | PINK        |                    |    |
|       | 4             | 597.0047-L     | G222163          | BROWN       |                    |    |
|       | 6             | 597.0067-L     | B222917          | GREEN       |                    |    |
|       | 10            | 597.0107-L     | K200707          | RED         |                    |    |
|       | 16            | 597.0167-L     | K201765          | GRAY        |                    |    |
|       | 20            | 597.0207-L     | A211508          | BLUE        |                    |    |
|       | 25            | 597.0257-L     | X212540          | YELLOW      |                    |    |
| D III | 35            | 598.0357-L     | C214063          | BLACK       |                    |    |
|       | 50            | 598.0507-L     | K214576          | WHITE       |                    |    |
|       | 63            | 598.0637-L     | R215088          | COPPER      |                    |    |
| D IV  | 80            | 595.0807-L     | V216609          | SILVER      |                    | 10 |
|       | 100           | 595.1007-L     | M217637          | RED         |                    |    |
| D V   | 125           | 596.1257-L     | V218150          | YELLOW      |                    |    |
|       | 160           | 596.1607-L     | G218667          | COPPER      |                    |    |
|       | 200           | 596.2007-L     | W219186          | BLUE        |                    |    |

# D Type (DIAZED)

## D Type DIAZED Screw Caps

| Size                               | Rated Current | Cap Thread | Catalog No. | Reference No. | Standard Pack/Ctn. |
|------------------------------------|---------------|------------|-------------|---------------|--------------------|
| <b>Porcelain with test hole</b>    |               |            |             |               |                    |
| D II                               | 25            | E 27       | 690.0002-L  | E218619       | 20                 |
| D III                              | 63            | E 33       | 691.0002-L  | B213004       |                    |
| <b>Porcelain without test hole</b> |               |            |             |               |                    |
| NDZ                                | 25            | E 16       | 589-L       | Z216613       | 50                 |
| D II                               | 25            | E 27       | 690-L       | Z218108       | 20                 |
| D III                              | 63            | E 33       | 691-L       | F211973       |                    |
| D IV                               | 100           | R1 1/4     | 592-L       | Y216060       | 10                 |
| <b>Plastic with test hole</b>      |               |            |             |               |                    |
| D II                               | 25            | E 27       | 2071-L      | L201720       | 20                 |
| D II                               | 63            | E 33       | 2072-L      | E214019       |                    |



## D Type DIAZED Gauge Pieces

| Size | Rated Current | Gauge Color | Catalog No. | Reference No. | Standard Pack/Ctn. |
|------|---------------|-------------|-------------|---------------|--------------------|
| NDZ  | 2             | pink        | 1655.002-L  | B212544       | 50                 |
|      | 4             | brown       | 1655.004-L  | M213060       |                    |
|      | 6             | green       | 1655.006-L  | H213562       |                    |
|      | 10            | red         | 1655.010-L  | G214067       |                    |
|      | 16            | gray        | 1655.016-L  | P214580       |                    |



## D Type DIAZED Screw Gauge Pieces

| Size  | Rated Current | Gauge Color | Catalog No. | Reference No. | Standard Pack/Ctn. |
|-------|---------------|-------------|-------------|---------------|--------------------|
| D II  | 2             | pink        | 1657.002-L  | A219190       | 25                 |
|       | 4             | brown       | 1657.004-L  | D219722       |                    |
|       | 6             | green       | 1657.006-L  | L222167       |                    |
|       | 10            | red         | 1657.010-L  | F222921       |                    |
|       | 16            | gray        | 1657.016-L  | P200711       |                    |
|       | 20            | blue        | 1657.020-L  | D201253       |                    |
|       | 25            | yellow      | 1657.025-L  | P201769       |                    |
| D III | 35            | black       | 1658.035-L  | C207071       | 25                 |
|       | 50            | white       | 1658.050-L  | E211512       |                    |
|       | 63            | copper      | 1658.063-L  | J212022       |                    |



## D Type DIAZED Gauge Rings

| Size  | Rated Current | Gauge Color | Catalog No. | Reference No. | Standard Pack/Ctn. |
|-------|---------------|-------------|-------------|---------------|--------------------|
| D II  | 2             | pink        | 1652.002-L  | W215092       | 50                 |
|       | 4             | brown       | 1652.004-L  | W215598       |                    |
|       | 6             | green       | 1652.006-L  | D216111       |                    |
|       | 10            | red         | 1652.010-L  | A216614       |                    |
|       | 16            | gray        | 1652.016-L  | M217131       |                    |
|       | 20            | blue        | 1652.020-L  | S217642       |                    |
|       | 25            | yellow      | 1652.025-L  | A218155       |                    |
| D III | 2             | pink        | 1653.002-L  | M218672       | 50                 |
|       | 4             | brown       | 1653.004-L  | E219723       |                    |
|       | 6             | green       | 1653.006-L  | M222168       |                    |
|       | 10            | red         | 1653.010-L  | G222922       |                    |
|       | 16            | gray        | 1653.016-L  | Q200712       |                    |
|       | 20            | blue        | 1653.020-L  | E201254       |                    |
|       | 25            | yellow      | 1653.025-L  | Q201770       |                    |
|       | 35            | black       | 1653.035-L  | L207079       |                    |
| 50    | white         | 1653.050-L  | F211513     |               |                    |



# D Type (DIAZED) Accessories

## D Type DIAZED Accessories

### Key for D gauge pieces

| Size        | Catalog Number | Reference Number | Standard Pack/Ctn. |
|-------------|----------------|------------------|--------------------|
| D II, D III | 1657.993-L     | E216112          | 10                 |

### D Cover

Single pole

|                    |           |         |    |
|--------------------|-----------|---------|----|
| D II (40mm width)  | 685.7-L*  | H214068 | 30 |
| D III (50mm width) | 686.7-L*  | X215093 |    |
| D II (45mm width)  | 685.709-L | Q214581 |    |
| D III (54mm width) | 686.709-L | X215599 |    |

\*Standard version

### D Touch protection rings

Plastic

|       |         |         |    |
|-------|---------|---------|----|
| D II  | 181.9-L | K222120 | 50 |
| D III | 182.9-L | A222870 |    |

### D Adapter fittings

for D II fuses in D III bases

|              |       |         |    |
|--------------|-------|---------|----|
| D II / D III | 581-L | C212545 | 50 |
|--------------|-------|---------|----|

### D Locking caps

|                                  |           |         |    |
|----------------------------------|-----------|---------|----|
| D II Supply boards <sup>1</sup>  | 2071.8-L  | B216615 | 10 |
| D II Industry <sup>2</sup>       | 2071.81-L | N217132 |    |
| D III Supply boards <sup>1</sup> | 2072.8-L  | T217643 |    |
| D III Industry <sup>2</sup>      | 2072.81-L | B218156 |    |

<sup>1</sup> black top, red screw pitch

<sup>2</sup> red top, black screw pitch

