

NOTE: DRAWING NOT FOR MANUFACTURING PURPOSES


| CODE | DIAMETER (mm) |      | 90°C RATED<br>CURRENT (A) | SAP<br>NUMBER |
|------|---------------|------|---------------------------|---------------|
|      | A             | B    |                           |               |
| EX-A | 26            | 16.3 | 500                       | 0401786       |
| EX-B | 26            | 26.5 | 900                       | 0401584       |
| EX-C | 38            | 16.3 | 500                       | 0401788       |
| EX-D | 38            | 26.5 | 900                       | 0401740       |
| EX-E | 38            | 38.3 | 1,350                     | 0401635       |
| EX-F | 38            | 19.0 | 600                       | 0401586       |
| EX-G | 35            | 26.5 | 900                       | 0401776       |
| EX-H | 35            | 38.3 | 950                       | 0401748       |
| EX-J | 26            | 19.0 | 600                       | 0401582       |
| EX-K | 26            | 21.0 | 650                       | 0401703       |

|  |  |       |       |                                     |               |            |               |
|--|--|-------|-------|-------------------------------------|---------------|------------|---------------|
| ITEM   |  | :-    |       | CLAMP:EX;BOLT/BOLT; STEM 26, 35, 38 |               |            |               |
| MATERIAL SPECIFICATION   |  | :-    |       | GRADE LM6 ALUMIMIUM TO BS1490       |               |            |               |
| CORROSION SPECIFICATION  |  | :-    |       | N/A                                 |               |            |               |
| STANDARD SPECIFICATION   |  | :-    |       | N/A                                 |               |            |               |
| ESKOM SPECIFICATION  |  | :-    |       | 474-218                             |               |            |               |
| TEST & CERTIFICATION REQUIREMENTS  |  | :-    |       | 474-218                             |               |            |               |
| INSPECTION   |  | Yes   | No    | ESKOM RELEASE NOTE                  |               | Yes        | No            |
| IDENTIFICATION:- INDELIBLE MANUFACTURERS TRADEMARK & PART No. ON ALL ITEMS |  |       |       |                                     |               |            |               |
| 6  | VARIOUS SAP NUMBERS,SPECS.& TECH,DESCRIPTIONS CHANGED ACCORDING TO PILOG, AND EX-F, G, H, J, K ADDED |       |       | P.A.T.                              | L. RAUTENBACH | T.MARAIS   | 28.11.2013    |
| 5  | DRAWING SHOWN SAME AS SPECIFICATION DSP_34-1974, SPECS AND CLAMP TYPES CHANGED                       |       |       | P.A.T.                              | T.NKAMBUL E   | V.SINGH    | 11.04.2011    |
| 4  | DIAGRAM UPDATED TO SHOW DIMENSIONS   |       |       | VvZ                                 | C.B.C.        | C.B. CLARK | 30/06/2006    |
| REV  | REVISION DESCRIPTION   |       |       | BY                                  | CHKD          | AUTH       | REF. DRAWINGS |
| AUTH:  | PHIL CROWDY  | DATE: | 06/97 | SCALE NTS                           |               | SAP No:    |               |
| CHKD:  | C.B. CLARK   | DATE: | 06/97 | CAD REF: SERIES 6000                |               |            |               |
| DRAWN:   | J.F.SCHOLTZ  | DATE: | 10/95 | FILE No: 6002                       |               | SET        | SHEET         |
|  |  |       |       |                                     |               | 3          | 1             |
|  |  |       |       |                                     |               | REV        |               |
|  |  |       |       |                                     |               | 6          |               |

## SPEC SHEET

|  |  |   |       |             |               |  |            |               |
|--|--|---|-------|-------------|---------------|--|------------|---------------|
| SAP MATERIAL No.:  |  | 0401786                                 |       |             |               |  |            |               |
| SHORT DESCRIPTION:   |  | CLAMP:EX-A;BOLT/BOLT; STEM 26 COND 16.3 |       |             |               |  |            |               |
| TECH. DESCRIPTION:   |  |   |       |             |               |  |            |               |
| CLAMP: TYPE: BOLT/BOLT; STEM 26 COND 16.3; DIMENSIONS: STEM: 26MM;<br>CONDUCTOR: 16.3MM; MATERIAL: AL BS1490 GR LM6 CAST;<br>BOLTED/BOLTED CROSS CLAMP; RATED CURRENT 500AMP;<br>REFERENCE NO: EX-A;<br>ESKOM DRAWING No. D-DT-6002 *  |  |   |       |             |               |  |            |               |
| SAP MATERIAL No.:  |  | 0401584                                 |       |             |               |  |            |               |
| SHORT DESCRIPTION:   |  | CLAMP:EX-B;BOLT/BOLT; STEM 26 COND 26.5 |       |             |               |  |            |               |
| TECH. DESCRIPTION:   |  |   |       |             |               |  |            |               |
| CLAMP: TYPE: BOLT/BOLT; STEM 26 COND 26.5; DIMENSIONS: STEM: 26MM;<br>CONDUCTOR: 26.5MM; MATERIAL: AL BS1490 GR LM6 CAST;<br>BOLTED/BOLTED CROSS CLAMP; RATED CURRENT 900AMP;<br>REFERENCE NO: EX-B;<br>ESKOM DRAWING No. D-DT-6002 *  |  |   |       |             |               |  |            |               |
| SAP MATERIAL No.:  |  | 0401788                                 |       |             |               |  |            |               |
| SHORT DESCRIPTION:   |  | CLAMP:EX-C;BOLT/BOLT; STEM 38 COND 16.3 |       |             |               |  |            |               |
| TECH. DESCRIPTION:   |  |   |       |             |               |  |            |               |
| CLAMP: TYPE: BOLT/BOLT; STEM 38 COND 16.3; DIMENSIONS: STEM: 38MM;<br>CONDUCTOR: 16.3MM; MATERIAL: AL BS1490 GR LM6 CAST;<br>BOLTED/BOLTED CROSS CLAMP; RATED CURRENT 500AMP;<br>REFERENCE NO: EX-C;<br>ESKOM DRAWING No. D-DT-6002 *  |  |   |       |             |               |  |            |               |
| SAP MATERIAL No.:  |  | 0401740                                 |       |             |               |  |            |               |
| SHORT DESCRIPTION:   |  | CLAMP:EX-D;BOLT/BOLT; STEM 38 COND 26.5 |       |             |               |  |            |               |
| TECH. DESCRIPTION:   |  |   |       |             |               |  |            |               |
| CLAMP: TYPE: BOLT/BOLT; STEM 38 COND 26.5; DIMENSIONS: STEM: 38MM;<br>CONDUCTOR: 26.5MM; MATERIAL: AL BS1490 GR LM6 CAST;<br>BOLTED/BOLTED CROSS CLAMP; RATED CURRENT 900AMP;<br>REFERENCE NO: EX-D;<br>ESKOM DRAWING No. D-DT-6002 *  |  |   |       |             |               |  |            |               |
| SAP MATERIAL No.:  |  | 0401635                                 |       |             |               |  |            |               |
| SHORT DESCRIPTION:   |  | CLAMP:EX-E;BOLT/BOLT; STEM 38 COND 38.3 |       |             |               |  |            |               |
| TECH. DESCRIPTION:   |  |   |       |             |               |  |            |               |
| CLAMP: TYPE: BOLT/BOLT; STEM 38 COND 38.3; DIMENSIONS: STEM: 38MM;<br>CONDUCTOR: 38.3MM; MATERIAL: AL BS1490 GR LM6 CAST;<br>BOLTED/BOLTED CROSS CLAMP; RATED CURRENT 1350AMP;<br>REFERENCE NO: EX-E;<br>ESKOM DRAWING No. D-DT-6002 * |  |   |       |             |               |  |            |               |
| 6  | VARIOUS SAP NUMBERS,SPECS.& TECH,DESCRIPTIONS CHANGED ACCORDING TO PILOG, AND EX-F, G, H, J, K ADDED |   |       | P.A.T.      | L. RAUTENBACH | T.MARAIS   | 28.11.2013 |               |
| 5  | DRAWING SHOWN SAME AS SPECIFICATION DSP_34-1974, SPECS AND CLAMP TYPES CHANGED                       |   |       | P.A.T.      | T.NKAMBULE    | V.SINGH  | 11.04.2011 |               |
| 4  | DIAGRAM UPDATED TO SHOW DIMENSIONS   |   |       | VvZ         | C.B.C.        | C.B. CLARK   | 30/06/2006 |               |
| REV  | REVISION DESCRIPTION   |   |       | BY          | CHKD          | AUTH   | DATE       | REF. DRAWINGS |
| AUTH:  | PHIL CROWDY  | DATE:                                   | 06/97 | SCALE NTS   |               | <div><div><div></div></div><div>Eskom</div></div> <div>D-DT-6002</div> |            |               |
| CHKD:  | C.B. CLARK   | DATE:                                   | 06/97 | CAD REF:    |               |  |            |               |
|  |  |   |       | SERIES 6000 |               |  |            |               |
|  |  |   |       | FILE No:    |               |  |            |               |
| DRAWN:   | J.F.SCHOLTZ  | DATE:                                   | 10/95 | 6002        |               | SET SHEET REV  |            |               |
|  |  |   |       |             |               | 3  | 2          | 6             |

## SPEC SHEET

|   |   |   |       |              |                  |  |            |                  |
|---|---|---|-------|--------------|------------------|--|------------|------------------|
| SAP MATERIAL No.:   |   | 0401586                                 |       |              |                  |  |            |                  |
| SHORT DESCRIPTION:  |   | CLAMP:EX-F;BOLT/BOLT; STEM 38 COND 19   |       |              |                  |  |            |                  |
| TECH. DESCRIPTION:  |   |   |       |              |                  |  |            |                  |
| CLAMP: TYPE: BOLT/BOLT; STEM 38 COND 19; DIMENSIONS: STEM: 38MM;<br>CONDUCTOR: 19MM; MATERIAL: AL BS1490 GR LM6 CAST;<br>BOLTED/BOLTED CROSS CLAMP; RATED CURRENT 600AMP;<br>REFERENCE NO: EX-F;<br>ESKOM DRAWING No. D-DT-6002 *     |   |   |       |              |                  |  |            |                  |
| SAP MATERIAL No.:   |   | 0401776                                 |       |              |                  |  |            |                  |
| SHORT DESCRIPTION:  |   | CLAMP:EX-G;BOLT/BOLT; STEM 35 COND 26.5 |       |              |                  |  |            |                  |
| TECH. DESCRIPTION:  |   |   |       |              |                  |  |            |                  |
| CLAMP: TYPE: BOLT/BOLT; STEM 35 COND 26.5; DIMENSIONS: STEM: 35MM;<br>CONDUCTOR: 26.5MM; MATERIAL: AL BS1490 GR LM6 CAST;<br>BOLTED/BOLTED CROSS CLAMP; RATED CURRENT 900AMP;<br>REFERENCE NO: EX-G;<br>ESKOM DRAWING No. D-DT-6002 * |   |   |       |              |                  |  |            |                  |
| SAP MATERIAL No.:   |   | 0401748                                 |       |              |                  |  |            |                  |
| SHORT DESCRIPTION:  |   | CLAMP:EX-H;BOLT/BOLT; STEM 35 COND 38.3 |       |              |                  |  |            |                  |
| TECH. DESCRIPTION:  |   |   |       |              |                  |  |            |                  |
| CLAMP: TYPE: BOLT/BOLT; STEM 35 COND 38.3; DIMENSIONS: STEM: 35MM;<br>CONDUCTOR: 38.3MM; MATERIAL: AL BS1490 GR LM6 CAST;<br>BOLTED/BOLTED CROSS CLAMP; RATED CURRENT 950AMP;<br>REFERENCE NO: EX-H;<br>ESKOM DRAWING No. D-DT-6002 * |   |   |       |              |                  |  |            |                  |
| SAP MATERIAL No.:   |   | 0401582                                 |       |              |                  |  |            |                  |
| SHORT DESCRIPTION:  |   | CLAMP:EX-J;BOLT/BOLT; STEM 26 COND 19   |       |              |                  |  |            |                  |
| TECH. DESCRIPTION:  |   |   |       |              |                  |  |            |                  |
| CLAMP: TYPE: BOLT/BOLT; STEM 26 COND 19; DIMENSIONS: STEM: 26MM;<br>CONDUCTOR: 19MM; MATERIAL: AL BS1490 GR LM6 CAST;<br>BOLTED/BOLTED CROSS CLAMP; RATED CURRENT 600AMP;<br>REFERENCE NO: EX-J;<br>ESKOM DRAWING No. D-DT-6002 *     |   |   |       |              |                  |  |            |                  |
| SAP MATERIAL No.:   |   | 0401703                                 |       |              |                  |  |            |                  |
| SHORT DESCRIPTION:  |   | CLAMP:EX-K;BOLT/BOLT; STEM 26 COND 21   |       |              |                  |  |            |                  |
| TECH. DESCRIPTION:  |   |   |       |              |                  |  |            |                  |
| CLAMP: TYPE: BOLT/BOLT; STEM 26 COND 21; DIMENSIONS: STEM: 26MM;<br>CONDUCTOR: 21MM; MATERIAL: AL BS1490 GR LM6 CAST;<br>BOLTED/BOLTED CROSS CLAMP; RATED CURRENT 650AMP;<br>REFERENCE NO: EX-K;<br>ESKOM DRAWING No. D-DT-6002 *     |   |   |       |              |                  |  |            |                  |
| 6   | VARIOUS SAP NUMBERS,SPECS.& TECH,DESCRIPTIONS<br>CHANGED ACCORDING TO PILOG, AND EX-F, G, H, J, K ADDED |   |       | P.A.T.       | L.<br>RAUTENBACH | T.MARAIS   | 28.11.2013 |                  |
| 5   | DRAWING SHOWN SAME AS SPECIFICATION DSP_34-1974,<br>SPECS AND CLAMP TYPES CHANGED                       |   |       | P.A.T.       | T.NKAMBULE       | V.SINGH  | 11.04.2011 |                  |
| 4   | DIAGRAM UPDATED TO SHOW DIMENSIONS  |   |       | VvZ          | C.B.C.           | C.B.<br>CLARK  | 30/06/2006 |                  |
| REV   | REVISION DESCRIPTION  |   |       | BY           | CHKD             | AUTH   | DATE       | REF.<br>DRAWINGS |
| AUTH:   | PHIL CROWDY   | DATE:                                   | 06/97 | SCALE<br>NTS |                  | <div><br/><b>D-DT-6002</b></div> |            |                  |
| CHKD:   | C.B. CLARK  | DATE:                                   | 06/97 | CAD REF:     |                  |  |            |                  |
|   |   |   |       | SERIES 6000  |                  |  |            |                  |
|   |   |   |       | FILE No:     |                  |  |            |                  |
| DRAWN:  | J.F.SCHOLTZ   | DATE:                                   | 10/95 | 6002         |                  |  |            |                  |
|   |   |   |       |              |                  | SET  | SHEET      | REV              |
|   |   |   |       |              |                  | 3  | 3          | 6                |