



A Regal Brand

Catalog # : LM21384

Product Type: AC MOTOR

Description: 7.5,1800,TEFC,254U,3/60/460

Model: CCF4P7.5U64

Stock: Stock

Quote: Price:

Date: 10/21/2014



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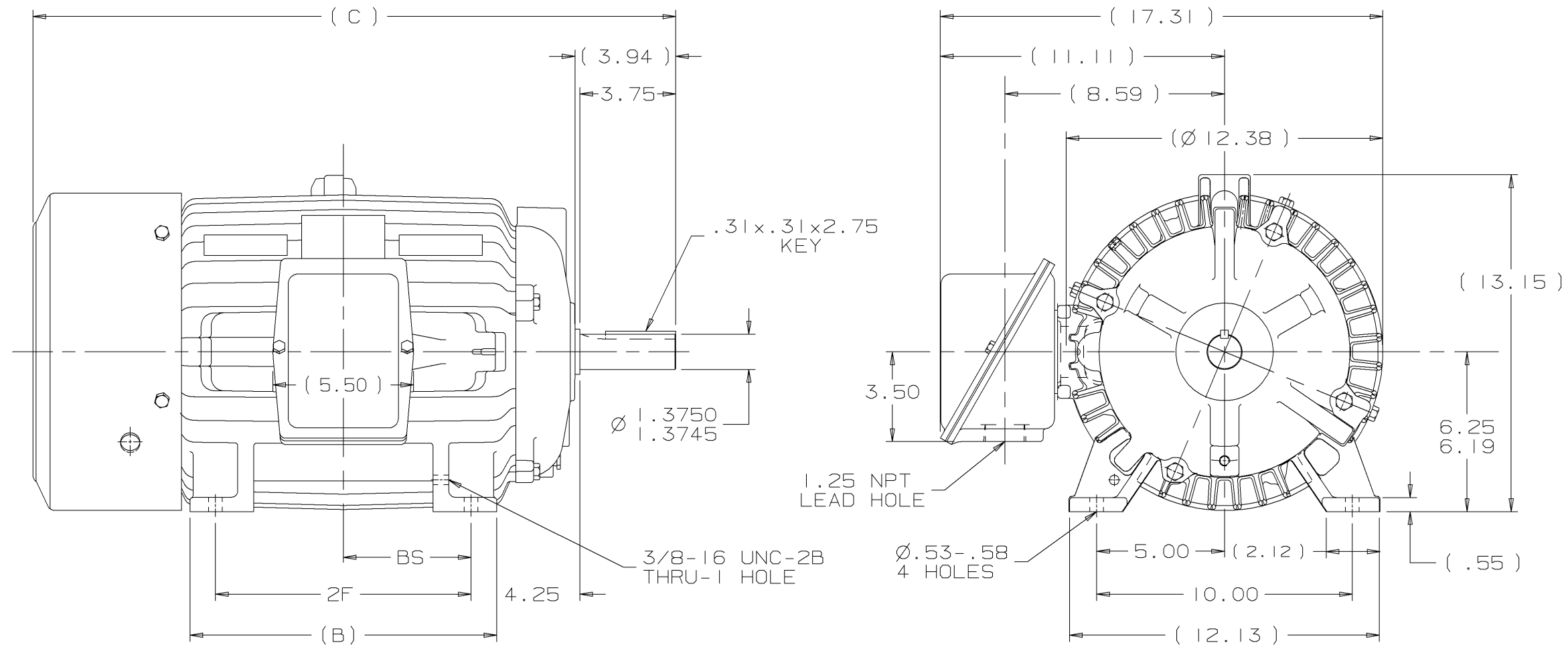
Model: CCF4P7.5U64

Stock: Stock

|                  |                     |                 |                   |              |             |
|------------------|---------------------|-----------------|-------------------|--------------|-------------|
| Engineering Data |                     |                 |                   |              |             |
| Volts            | 460                 | Volts           |                   | Volts        |             |
| F.L. Amps        | 9.6                 | F.L. Amps       |                   | F.L. Amps    |             |
| S. F Amps        |                     | S. F Amps       |                   | S. F Amps    |             |
|                  |                     |                 |                   |              |             |
| RPM              | 1800                | Hertz           | 60                |              |             |
| HP               | 7 1/2               | Duty            | CONTINUOUS        | TYPE         | TFS         |
| KW               | 5.60                |                 |                   |              |             |
| Frame            | 254U                | Serv. Factor    | 1.0               | Phase        | 3           |
| Max Amb          | 65                  | Design          | B                 | Code         | H           |
| Insul Class      | F                   | Protection      | NOT               | Therm.Prot.  |             |
| Eff 100%         | 91.7                | Eff 75%         |                   | PF           | 80          |
| UL               | V-INS, CONST UL REC | CSA             | Yes               | Bearing OPE  | 207         |
| CC Number        | CC004A              | CE              | Yes               | Bearing PE   | 309         |
| Load Type        |                     | Inverter Type   |                   | Speed Range  | NONE        |
|                  |                     |                 |                   |              |             |
| Motor Wt.        | 260 LB              | Enclosure       | TEFC              | Lubrication  | STANDARD    |
| Nameplate        |                     | Mounting        | RIGID             | Rotation     | REV         |
| Assembly         |                     | Shaft Dia.      |                   | Ext. Diag.   | A-EE7300-LN |
| Cust Part No     |                     | Outline         | B-SS203580LN-1175 | Ext. Diag2   |             |
| Packaging        | B                   | Outline Dash No |                   | Winding      | K2134158    |
| Carton Label     |                     |                 |                   | GROUP :      | 7           |
| Iris             |                     | Paint           | LINCOLN GRAY      | Test Card    |             |
|                  |                     |                 |                   |              |             |
| Form Factor      |                     | RMS Amps        |                   | Const Torque | Speed Range |
| Torque           |                     | Peak            |                   |              |             |
| AB Code          |                     | Peak@DegC       |                   |              |             |
| Resistance       |                     |                 |                   |              |             |
| Connection       |                     |                 |                   |              |             |
|                  |                     |                 |                   |              |             |
| Rework Status    |                     | Rework TYPE     |                   |              |             |

|                                             |      |        |              |               |      |      |               |                             |
|---------------------------------------------|------|--------|--------------|---------------|------|------|---------------|-----------------------------|
| Hazardous Loc                               | NONE |        |              |               |      |      | Brake Motors  |                             |
| Explosion Proof                             |      |        | Temp Op Code |               |      |      | FORCE         |                             |
| Class                                       |      |        | GROUP        |               |      |      | VDC           |                             |
| Class                                       |      |        | GROUP        |               |      |      | ADC           |                             |
|                                             |      |        |              |               |      |      |               | Brake Coil OHMs @25 C       |
| Performance                                 |      |        |              |               |      |      |               |                             |
| Torque UOM                                  |      |        |              | Inertia (WK²) |      |      |               |                             |
| Torque                                      |      |        |              |               |      |      |               |                             |
| CURRENT (amps)                              |      |        |              |               |      |      |               |                             |
| Efficiency (%)                              |      |        |              |               |      |      |               |                             |
| PowerFactor                                 |      |        |              |               |      |      |               |                             |
| Load Curve Data @60 HzVolts,7 1/2Horsepower |      |        |              |               |      |      |               |                             |
| Load                                        | Amps | KW     | RPM          | Torque        | Eff  | PF   | Rise By Resis | Frame Rise                  |
| 0.0                                         | 4.5  | 0.2    | 1800         | 0.0           | 0.0  | 5.5  | 0.0           | -                           |
| 0.25                                        | 5.0  | 1.5    | 1790         | 5.5           | 85.5 | 42.0 | 0.0           | -                           |
| 0.5                                         | 6.0  | 3.0    | 1785         | 11.0          | 90.2 | 63.0 | 0.0           | -                           |
| 0.75                                        | 7.5  | 4.5    | 1775         | 16.5          | 91.0 | 74.0 | 0.0           | -                           |
| 1.0                                         | 9.6  | 6.0    | 1770         | 22.3          | 91.0 | 80.0 | 45.0          | -                           |
| 1.15                                        | 11.0 | 7.0    | 1765         | 25.5          | 91.0 | 81.0 | 60.0          | -                           |
| 1.25                                        | 12.0 | 8.0    | 1760         | 28.0          | 90.2 | 82.0 | 75.0          | -                           |
|                                             |      |        |              |               |      |      |               | SOURCE: CALCULATED GROUP: 7 |
| Load Curve Data @60HzVolts,7 1/2Horsepower  |      |        |              |               |      |      |               |                             |
| Load                                        | Amps | KW     | RPM          | Torque        | Eff  | PF   | Rise By Resis | Frame Rise                  |
| Load Curve Data Not Available               |      |        |              |               |      |      |               |                             |
| Quote:                                      |      | Price: |              |               |      |      |               |                             |
| Date: 10/21/2014                            |      |        |              |               |      |      |               |                             |

B-SS203580LN



NOTES:

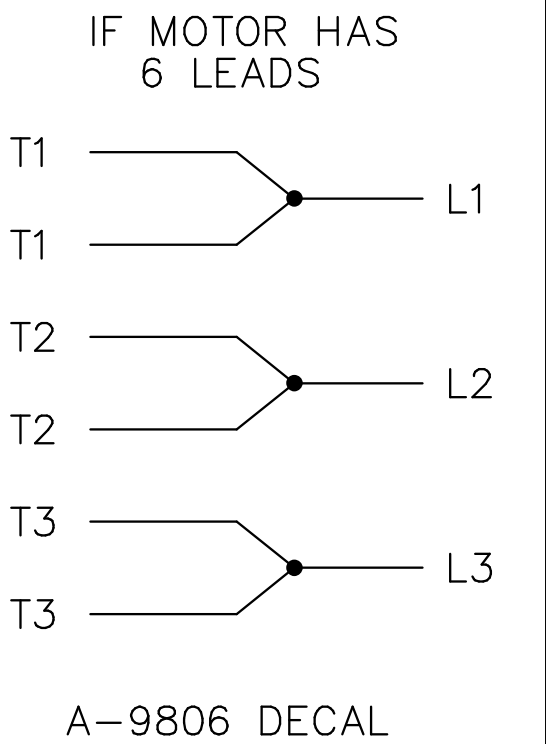
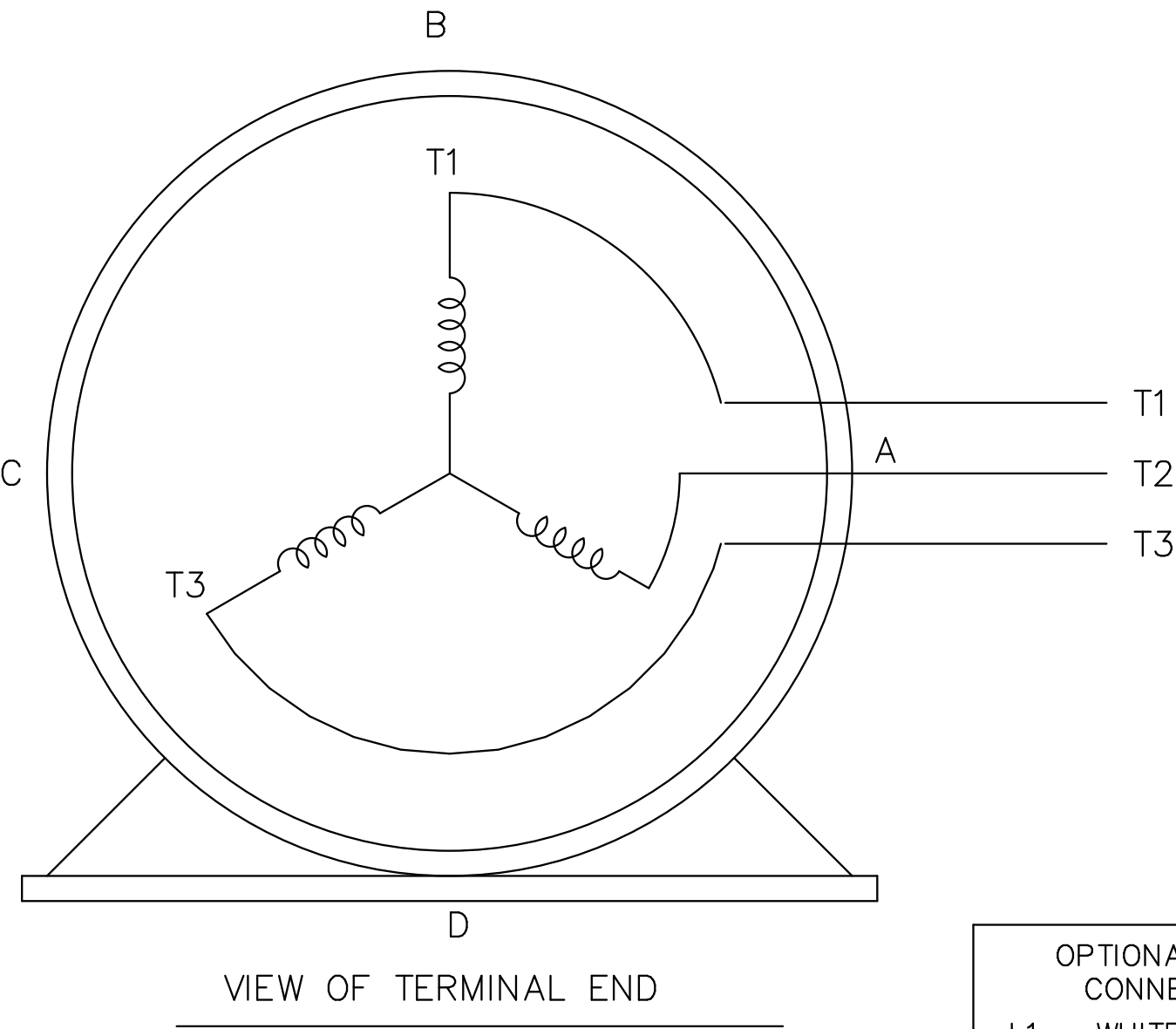
1. C.BOX CAN BE ROTATED IN 90° STEPS
2. C.BOX CAN BE MOUNTED ON OPPOSITE SIDE BY REMOVING BRACKETS AND TURNING FRAME 180°
3. NAMEPLATES TO BE READ FROM CONDUIT BOX SIDE OF MOTOR

|      |       |       |       |       |      |  |     |            |             |                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |         |                                                                     |               |                         |
|------|-------|-------|-------|-------|------|--|-----|------------|-------------|---------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|---------------------------------------------------------------------|---------------|-------------------------|
|      |       |       |       |       |      |  |     |            |             |  | <div><div><input checked="" type="checkbox"/></div><div>UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES<br/>TOL. ON XX± .03    XXX± .005    XXXX± .0005    ANGLES± 7'30"</div></div> <div><div>MAX. SURFACE ROUGHNESS<br/>UNLESS OTHERWISE NOTED</div><div>FINISH</div><div>MATERIAL</div></div> <div><div>DRAWN BY<br/>NJS</div><div>CHKD BY<br/>ML</div><div>APPD BY<br/>TB</div></div> <div><div>08-02-2000</div><div>08-02-2000</div><div>08-02-2000</div></div> |         |                                                                     |               |                         |
|      |       |       |       |       |      |  |     |            |             |                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |         |                                                                     |               |                         |
|      |       |       |       |       |      |  | I   | 08-02-2000 | NEW DRAWING |                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | MU32304 | NJS                                                                 |               |                         |
|      |       |       |       |       |      |  | REV | DATE       | CHANGE      |                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | NAME    | PART NAME    OUTLINE - TEFC<br>250U FR. - BB - TS - STD. CAST C.BOX |               | DRWG NO<br>B-SS203580LN |
| DASH | FRAME | B     | C     | 2F    | BS   |  |     |            |             |                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | L       | PURCHASED                                                           | CADD FILE NO. | SS203580LN              |
| 1175 | 254U  | 10.25 | 23.44 | 8.25  | 4.12 |  |     |            |             |                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |         |                                                                     |               |                         |
| 1350 | 256U  | 12.00 | 25.19 | 10.00 | 5.00 |  |     |            |             |                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |         |                                                                     |               |                         |

THREE PHASE – SINGLE VOLTAGE  
MOTOR – CONDUIT BOX @ 'A'

EE7300-LN

TO REVERSE ROTATION:  
INTERCHANGE ANY TWO LINE  
LEAD CONNECTIONS



OPTIONAL CORD  
CONNECTION

L1 WHITE

L2 RED

L3 BLACK

|                                                                                                                                                                                                                                        |                                            |                |         |                                |                    |                                                                                       |                          |      |             |         |      |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|----------------|---------|--------------------------------|--------------------|---------------------------------------------------------------------------------------|--------------------------|------|-------------|---------|------|
|                                                                                                                                                                                                                                        |                                            |                |         | TOLERANCES<br>UNLESS SPECIFIED |                    |  | DRAWN BLR 08-13-1999     |      |             |         |      |
|                                                                                                                                                                                                                                        |                                            |                |         | DEC.                           | INCHES             |                                                                                       | CHK                      | ML   | 08-13-1999  |         |      |
|                                                                                                                                                                                                                                        |                                            |                |         | .X                             | ±.1                |                                                                                       | APPD                     | GK   | 08-13-1999  |         |      |
|                                                                                                                                                                                                                                        |                                            |                |         | .XX                            | ±.02               |                                                                                       | TITLE CONNECTION DIAGRAM |      |             |         |      |
| 2                                                                                                                                                                                                                                      | ADDED OPTIONAL CORD CONNECTION PER MU47226 | CTO 03-31-2004 | PJB     | .XXX                           | ±.005              | SINGLE VOLT – 3Ø MOTOR                                                                |                          |      |             | SCALE   | 1=1  |
| 1                                                                                                                                                                                                                                      | NEW DRAWING                                | CTO 08-13-1999 |         | .XXXX                          | ±.0005             | MAT'L.                                                                                |                          |      |             | REF     |      |
| NO.                                                                                                                                                                                                                                    | REVISION                                   | BY & DATE      | CHK     | ANG                            | ± 7'30"            | FINISH                                                                                |                          |      |             | FMF     |      |
| THIS DRAWING IN DESIGN AND DETAIL IS OUR PROPERTY AND MUST NOT BE USED EXCEPT<br>IN CONNECTION WITH OUR WORK ALL RIGHTS OF DESIGN AND INVENTION ARE RESERVED<br>THIS IS AN ELECTRONICALLY GENERATED DOCUMENT – DO NOT SCALE THIS PRINT |                                            |                | RFP     |                                | CAD FILE EE7300_LN |                                                                                       |                          | SIZE | DRAWING NO. | PAGE OF | REV. |
|                                                                                                                                                                                                                                        |                                            |                | DIST WP |                                |                    |                                                                                       |                          | A    | EE7300-LN   |         | 2    |