| A BEVISED PER ECR-14-007795   2949472016 RS EC EC  |         |              | LOC DIST REVISIONS  |   |   |            |             |              |                                    |                      |  |                  |                |                             |                          |         |                  |  |
|--|---------|--------------|---|---|---|------------|-------------|--------------|------------------------------------|----------------------|--|------------------|----------------|-----------------------------|--------------------------|---------|------------------|--|
| B  |         |              |   | _   |   | Р          | LTR         |              |                                    |                      |  |                  |                | DATE                        | DWN                      | APVD    |                  |  |
| BI   ECO-1G 007046   |         |              |   |   |   |            | А           | REVI         | SED PE                             | R ECR                | -14-00                                 | 7795             |                |                             | 29MAY2014                | RS      | EC               |  |
| SAFETY ORGANIZATIONS    PORTITION OF CONTROL |         |              |   |   |   |            |             |              |                                    |                      | ADD UL                                 |                  |                |                             |                          |         |                  |  |
| THIS FILTER AS SECT FORMULA PRICE    |         |              |   |   |   |            | ВТ          | ECO-         | 16-001                             | 046                  |  |                  |                |                             | 09MAY2016                | RS      | HS               |  |
| THIS FILTER AS SECT FORMULA PRICE    |         |              | SAFETY ORG <i>A</i>   |   |   |            |             | RELIAB       | SILITY                             | SPECI                | FICATIONS                              |                  |                |                             |                          |         |                  |  |
| N.   III.   D.   ES   III.   STATE   CALL    |         |              | THIS FILTER HAS BEEN FORMALLY RECOGNIZED. CERTIFIED OR APPROVED |   |   |            |             |              |                                    |                      | STORAGE                                | E TEMPERA        |                | -40°C TO +85°               | °C                       |         |                  |  |
| COPERATING_SPECIFICATIONS  |         |              | IN THE LATEST   | REVISION                                    | OF THE FOLI                             | LOWIN      | IG AGENC    | Y STANDARD   | )\$                                | ,                    |  |                  | I C A T I O I  |                             | C AND 33% INT            |         |                  |  |
| OPERATING SPECIFICATIONS   |         |              |   |   |   | UL         |             |              |                                    |                      |  |                  |                |                             | 28                       | 3.7 μH  |                  |  |
| LINE CONSTRUCTORS:  160 0. 50 0.0  100 1. 1 1. 1. 1. 11 100 DISCHARE RESISTORIZATION LOSS COMMENT OF THE CONSTRUCTION OF THE C |         |              | L ODEDATING COECIFICATIONS                                      |   |   |            |             |              |                                    |                      | LINE TO GROUND,NOMINAL: 2.62 پا        |                  |                |                             |                          |         |                  |  |
| Line   Fredheld Resistance   10   10   10   10   10   10   10   1  |         |              |   |   |   |            |             |              |                                    |                      |  |                  |                |                             |                          |         |                  |  |
| MAXIMU LEAVES (EMBERT) 22200 9 20 20 20 20 20 20 20 20 20 20 20 20 20  |         |              | LINE FREQUENCY  | 50  | 50-60 Hz                                |            |             |              |                                    |                      |  |                  |                |                             |                          |         |                  |  |
| OPTICATION SHEETS   CONTINUE      | 20      |              |   |   |   |            |             |              |                                    |                      | RECOMMENDED RECEIVING INSPECTION HIPOT |                  |                |                             |                          |         |                  |  |
| The Management of the Manage   |         |              | OPERATING AMBIENT TEMPERATURE RANGE                             |   |   |            |             |              |                                    |                      |  |                  |                |                             |                          |         |                  |  |
| THE MAXIMUM OFFINITION.  CHERRY, I. Is as follows:  10 - 1   |         |              |   | ·   |   |            | 0 0 10      |              |                                    |                      | FILTER                                 | APPR(            | OVAL:          |                             |                          |         |                  |  |
| LOAD   30.00   012.00   275.0   300.0   10.00   275.0   300.0   10.00   275.0   300.0   10.00   275.0   300.0   10.00   275.0   300.0   10.00   275.0   300.0   10.00   275.0   300.0   10.0   | NOIL    |              | THE MAXIMUM OF<br>CURRENT, I , I                                | OWS: $I = I - \sqrt{\frac{100 - T_0}{100}}$ |   |            |             |              | THE BEST WAY TO SELECT AND QUALIFY |                      |  |                  |                | ٥                           |                          |         |                  |  |
| LOAD   30.00   012.00   275.0   300.0   10.00   275.0   300.0   10.00   275.0   300.0   10.00   275.0   300.0   10.00   275.0   300.0   10.00   275.0   300.0   10.00   275.0   300.0   10.0   | LICA    |              |   |   |   |            | O R V 60    |              |                                    |                      |  |                  |                |                             | ·                        |         |                  |  |
| 10.00   275.0   300    |         |              |   |   | 135                                     |            |             |              |                                    | 2                    |  | 1 1              |                | >=                          |                          |         |                  |  |
| LINE    10   |         |              |   |   |   |            | Ve e        | LOAD         |                                    | 3                    | 0.00 —                                 |                  |                |                             |                          | 12.00   |                  |  |
| LINE    10   | EASE    |              |   |   | 0                                       | 0          |             |              |                                    |                      |  |                  |                | 275                         |                          |         |                  |  |
| 250.0   65.0   90.0   400.0   614.00   |         | . D          |   |   |   |            |             |              |                                    | 10.0                 | 0 _                                    |                  | Ī.             |                             |                          |         |                  |  |
| 250.0   65.0   90.0   400.0   614.00   |         | SERVE        | LINE  |   |   | •          | <b>S</b>    |              |                                    |                      |  |                  | L              | •                           |                          |         |                  |  |
| 160.0   90.0   400.0   63.0    |         |              |   |   |   |            |             |              |                                    | 4                    |  |                  |                | P                           |                          | V       |                  |  |
| 160.0   90.0   400.0   63.0    |         | (IGHT        |   | -   | 250                                     | . О г      | -           |              |                                    |                      |  |                  |                | 0                           |                          |         |                  |  |
| MI2.0  |         | L, I         |   | 60.0  | _                                       | <b>→</b>   |             | 65.0         |                                    | 90.                  | 0 =                                    | •                | 40             | 00.0                        |                          | ,       |                  |  |
| 160.0   63.00   63.    |         |              |   | <br>f                                       | _ 0 0                                   |            |             | — Ø M12      | .0 *                               | 2                    | 6.00                                   |                  |                |                             |                          | — Ø 1   | 4.00             |  |
| SALO   O   O   O   O   O   O   O   O   O   |         |              | 160   | 0   | ╸╷<br>╸/╻┛∕⊓                            | •<br>۱۱    | 9           |              |                                    | ↓ -                  |  | <b>—</b> il      |                |                             | <b>Б</b> —— / −          |         | _                |  |
| DO NOT LOOSEN INNER GROUND NUTS.  10 NOT LOOSEN INNER GROUND NUTS TO:  25-30 NM [220-260 IN-B]  13 TYPICAL INSERTION LOSS  COMMON MODE 50/50 Ω; DIFFERENTIAL MODE 100/100 Ω  MHz 0.01 0.05 0.15 0.5 1.0 3.0 5.0 10 30  CM 11 12 56 87 72 60 48 33 22  DIMENSIONS:  MRS  OTHERWISE SPECIFIED:  TOLERANCES UNLESS OTHERWISE SPECIFIED:  1 PLC ±1.0 2 PLC ±0.50 3 PLC ±0.200 4 PLC ±0.1000 ANGLES  TE Connectivity  NAME  1 600 APH 1 2 L 3 - PHASE DELTA FILTER  APPLICATION SPEC  SIZE CAGE CODE DRAWING NO  RESTRICTED TO  ANGLES  WEIGHT - WEIGHT - RESTRICTED TO   |         |              |   |   |   | <u>/{ </u> |             |              |                                    | <u> </u>             | <del></del>                            | 4                | •              | <b>o o</b>                  | III . / I                | 63.0    | 0 0<br>-         |  |
| # DO NOT LOOSEN INNER GROUND NUTS.  ## DO NOT LOOSEN INNER GROUND NUTS.  ## TORQUE OUTER GROUND NUTS TO:  ## 25-30 NM [220-260 IN-LB]  ## TYPICAL INSERTION LOSS  ## COMMON MODE 50/50 Ω; DIFFERENTIAL MODE 100/100 Ω  ## COMMON MODE 50/50 Ω; DIFF  |         |              |   |   |   |            | <del></del> |              |                                    | 4                    | - '-                                   |                  |                |                             |                          |         |                  |  |
| COMMON MODE 50/50 Ω; DIFFERENTIAL MODE 100/100 Ω   | ED.     | 3 У -        | L1 -  | $\bigcap$                                   | <u> </u>                                | •          | •           | ₹            | •                                  | <b>→</b> L1′         | -                                      | -                |                |                             |                          |         |                  |  |
| COMMON MODE 50/50 Ω; DIFFERENTIAL MODE 100/100 Ω   | 3L I SF |              | L2  | <u> </u>                                    |   | ÷          | - <b>}</b>  | ₹,           | <b>}</b>                           | <b></b> L2′          | *                                      | TORQUE           | E OUTE         | R GROUND                    | NUTS TO:                 | IS.     |                  |  |
| COMMON MODE 50/50 \( \Omega \); DIFFERENTIAL MODE 100/100 \( \Omega \)  SCHEMATIC  DIMENSIONS:  mm  TOLERANCES UNLESS OTHERWISE SPECIFIED:  O PLC \( \pm \) 1.0 \( \pm \)  O PLC \( \pm \) 2.0 \( \pm \)  I PLC \( \pm \) 1.0 \( \pm \)  O PLC \( \pm \)  PRODUCT SPEC  I PLC \( \pm \)  I PLC \( \pm \ | UNPU    |              | <del> </del>   C  |   |   | Ħ          |             | <u></u>      |                                    | <b></b> 13′          |  | 25-30            |                |                             |                          |         |                  |  |
| DM   32   45   70   62   52   42   37   32   24  |         | 4T 20        |   |   |   |            |             |              | <del> </del>   }                   | 20                   | СОММО                                  | N MODE           | TYPIC<br>50/50 | CAL INSER $\Omega$ ; DIFFER | TION LOSS<br>ENTIAL MODE | 100/1   | Ω 00             |  |
| DM   32   45   70   62   52   42   37   32   24  | AWING   | YRIG         |   | +   | *   · · · · · · · · · · · · · · · · · · | :          | T }         | <del> </del> | T }                                |                      | MHz                                    | 0.01             | 0.05           | 0.150.5                     | 5 1.0 3.0 5              | 5.0 10  | 30               |  |
| DIMENSIONS:  MM  TOLERANCES UNLESS OTHERWISE SPECIFIED:  O PLC #2.0 1 PLC #1.0 2 PLC #0.50 3 PLC #0.200 4 PLC #0.1000 ANGLES  APPLICATION SPEC  APPLICATION SPEC  APPLICATION SPEC  APPLICATION SPEC  WEIGHT _  WEIGHT _  WEIGHT _  TE Connectivity  TE Connectivity  TE Connectivity  APPLICATION SPEC  SIZE CAGE CODE DRAWING NO  RESTRICTED TO  |         |              | GND ► •   | •   |   | CHEM       | ATIC        |              | • • •                              | → GND                | СМ                                     | 11               | 12             | 56 87                       | 72 60                    | 48 33   | 3 22             |  |
| TOLERANCES UNLESS OTHERWISE SPECIFIED:  O PLC ±2.0 1 PLC ±1.0 2 PLC ±0.50 3 PLC ±0.200 4 PLC ±0.1000 ANGLES ±-  MEIGHT _  WEIGHT _  TE Connectivity  TE Connectivity  NAME   | Ξ_      | $(\bigcirc)$ | DIMENCIONS  | Lo  |   |            |             | DEC 2013     | LAATEDI                            | A.1                  | DM                                     | 32               |                |                             | 52 42                    | 37   32 | 2 24             |  |
| TOLERANCES UNLESS OTHERWISE SPECIFIED:  O PLC  |         |              |   | R:  | S                                       |            |             |              |                                    | n L                  |  | -                | FIN            | 1 011                       | -                        |         |                  |  |
| C  |         |              | OLERANCES UNLESS  | E(  | C                                       |            |             |              |                                    |                      | 4                                      | 7                | F              | TF C                        | onnectivit               | V       |                  |  |
| PLC  |         |              |   | ΄. <u>Ε</u>                                 | <u>C</u>                                | - C        | 1 /         | PLCCAIS      |                                    |                      |  | - <i>       </i> |                |                             |                          | <i></i> |                  |  |
| 2 PLC ±0.50 3 PLC ±0.200 4 PLC ±0.1000 ANGLES ±-  WEIGHT _  WEIGHT _  A 4 0 0 7 7 9 C = 8 - 1609148 - 6  | 1 P     | LC           | ±1.0  |   | NAME -                                  |            |             |              |                                    |                      |  |                  |                |                             |                          |         |                  |  |
| ANGLES ±   A 4 0 0 7 7 9 C = 8 - 1609148 - 6   -   | 3 P     | LC           | ±0.200  | Al  |   |            |             |              |                                    | 3-PHASE DELTA FILTER |  |                  |                |                             |                          |         |                  |  |
| ( <del>()</del> ++   |         |              |   |   | -                                       |            |             |              | SIZE                               |                      |  |                  |                |                             |                          | RESTRIC | TED TO           |  |
| CUSTOMER DRAWING SCALE 2.15 SHEET 1 OF 1 REV R 1   |         |              | <b>(</b>  |   | 7 \ 1                                   |            |             |              |                                    | 007                  |  |                  |                |                             |                          | _       |                  |  |
| L I Y  |         |              | Ψ –   |   | USTOMER                                 | R DI       | RAWIN       | G            |                                    |                      |  |                  | SCALE 6        | 2:15 <sup>shee</sup>        | OF 1                     | RE      | <sup>v</sup> В 1 |  |