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REVISIONS

| P | LTR | DESCRIPTION | DATE | DWN | APVD |
|---|-----|-------------------------|-----------|-----|------|
| | A | RELEASED FOR PRODUCTION | 10FEB2023 | DM | CB |
| | AI | ADDING PRODUCT DATA | 07MAR2023 | DM | CB |
| | | | | | |
| | | | | | |

LABELS

125.0 ± 5.0

158.9 REF.
142.5 ± 5.0

144.0 ± 5.0

148.0

CONNECTOR 4mm Sq.

70.9 ± 5.0

| | |
|-------------------------------------|--------------------------------------|
| NOMINAL OPERATING VOLTAGE (VAC) | 3x 380 to 480 |
| RATED OPERATING VOLTAGE (VAC) | 3x 340 to 530 |
| FREQUENCY (Hz) | 50 / 60 |
| RATED CURRENT (AMPS) | 16.00 |
| OP. TEMP. RANGE @ RATED CURRENT | -45°C to +45°C |
| RATED POWER @ 400VAC (kW) | 9.98 |
| RATED POWER @ 400VAC (HP) | 13.37 |
| IMPEDANCE @ 400VAC (%) | 4 |
| INDUCTANCE, NOMINAL (mH) | 1.840 |
| POWER OVERLOAD, 1 MINUTE EVERY HOUR | 1.6 |
| VOLTAGE WITHSTAND 1 MINUTE (kVAC) | 2 |
| POLLUTION DEGREE | PD2 |
| COOLING | NATURAL |
| PROTECTION CLASS | IP00 |
| INSULATION CLASS | N |
| STORAGE TEMPERATURE RANGE (°C) | -45°C to +100°C |
| CLIMATIC CATEGORY | 45/100/21 |
| DESIGN CORRESPONDING TO | EN61558-2-20, EN60076-6, UL61800-5-1 |

SAFETY ORGANIZATIONS

UL RECOGNIZED AS PER UL 508 HARDWARE CERTIFICATION

DE-RATING FORMULAE FOR OPERATION ABOVE 45°C AMBIENT CONDITIONS:

$$I = I_n \sqrt{\frac{100 - T_{a\ new}}{100 - 45}}$$

TYPICAL CIRCUIT DIAGRAM

LINE

LOAD

L1 ○ — [] — ○ L1'

L2 ○ — [] — ○ L2'

L3 ○ — [] — ○ L3'

PE ○ — []

6.0

50.9 ± 2.0

6.0

129.0 ± 0.5

ROHS COMPLIANT

| | | | | | | | | | | | | | | | | | | |
|---|---------|------------------|----------|------------------|-----------|-----------------|---------------|-------|--------|-------|---------|--------|---|--------------|------|--|--------------------------------|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT. | | DWN | C. BOLLE | 06OCT2022 | | TE Connectivity | | | | | | | | | | | | |
| DIMENSIONS: mm | | CHK | C. BOLLE | 06OCT2022 | | | | | | | | | | | | | | |
| TOLERANCES UNLESS OTHERWISE SPECIFIED: | | APVD | L. RAJ | 06OCT2022 | | | | | | | | | | | | | | |
| <table border="1"> <tbody> <tr> <td>0 PLC</td> <td>±</td> </tr> <tr> <td>1 PLC</td> <td>±0.1</td> </tr> <tr> <td>2 PLC</td> <td>±0.01</td> </tr> <tr> <td>3 PLC</td> <td>±0.001</td> </tr> <tr> <td>4 PLC</td> <td>±0.0001</td> </tr> <tr> <td>ANGLES</td> <td>±</td> </tr> </tbody> </table> | | 0 PLC | ± | 1 PLC | ±0.1 | 2 PLC | ±0.01 | 3 PLC | ±0.001 | 4 PLC | ±0.0001 | ANGLES | ± | PRODUCT SPEC | NAME | | RPO-3-16 THREE LINE REACTOR | |
| 0 PLC | ± | | | | | | | | | | | | | | | | | |
| 1 PLC | ±0.1 | | | | | | | | | | | | | | | | | |
| 2 PLC | ±0.01 | | | | | | | | | | | | | | | | | |
| 3 PLC | ±0.001 | | | | | | | | | | | | | | | | | |
| 4 PLC | ±0.0001 | | | | | | | | | | | | | | | | | |
| ANGLES | ± | | | | | | | | | | | | | | | | | |
| MATERIAL | | APPLICATION SPEC | | SIZE | CAGE CODE | DRAWING NO | RESTRICTED TO | | | | | | | | | | | |
| - | | - | | A3 | 00779 | ①-2432409-2 | - | | | | | | | | | | | |
| - | | FINISH | | CUSTOMER DRAWING | | SCALE | SHEET | | | | | | | | | | | |
| - | | - | | - | | 1:3 | 1 OF 1 | | | | | | | | | | | |
| | | | | | | REV | AI | | | | | | | | | | | |

1470-19 (3/13)