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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

NOMINAL OPERATING VOLTAGE (VAC)	230
RATED OPERATING VOLTAGE (VAC)	250
FREQUENCY (Hz)	50 / 60
RATED CURRENT (AMPS)	4
OP. TEMP. RANGE @ RATED CURRENT	-45°C to +45°C
RATED POWER @ 230VAC (kW)	0.83
RATED POWER @ 230VAC (HP)	1.11
IMPEDANCE @ 230VAC (%)	4
INDUCTANCE, NOMINAL (mH)	7.321
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

83.9 REF.
67.5 REF.
57.6±5.0

CONNECTOR
4mm Sq.
53.0±5.0
75.0±5.0

PRODUCT DESIGN NOTE

DESIGN IN ACCORDANCE WITH UL 508

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
LI ○ ———— [] ———— LI'
PE ○ ———— ⊥

4.0
58.0±2.0
4.0
47.6±0.5

ROHS COMPLIANT

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN C. BOLLE 05OCT2022		
DIMENSIONS: mm		CHK C. BOLLE 05OCT2022		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD L. RAJ 05OCT2022	NAME RPO-1-4 SINGLE LINE REACTOR	
0 PLC ±-		PRODUCT SPEC	-	
1 PLC ±0.1		APPLICATION SPEC	-	
2 PLC ±0.01		WEIGHT	-	
3 PLC ±0.001		CUSTOMER DRAWING	-	
4 PLC ±0.0001		SCALE	1:1	
ANGLES ±-		SHEET	1 OF 1	
FINISH		REV	AI	
MATERIAL		SIZE	A3	
-		CAGE CODE	00779	
-		DRAWING NO	C=2432408-2	
-		RESTRICTED TO	-	

1470-19 (3/13)